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JOURNAL

OF

THE CHEMICAL SOCIETY

SUPPLEMENTARY NUMBER,

CONTAINING

TITLE-PAGES, CONTENTS,

AND

INDEXES.

1927.

LONDON:
GURNEY AND JACKSON
33, PATERNOSTER ROW, E.C. 4.

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BUNGAY, SUFFOLK.

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FORMULA INDEX.

THE following index of organic compounds of known empirical formula is arranged according to Richter's system (see *Lexikon der Kohlenstoff-Verbindungen*).

The elements are given in the order C, H, O, N, Cl, Br, I, F, S, P, and the remainder alphabetically.

The compounds are arranged—

Firstly, in groups according to the number of carbon atoms (thus C_1 group, C_2 group, etc.).

Secondly, according to the number of other elements besides carbon contained in the molecule (thus 5 IV indicates that the molecule contains five carbon atoms and four other elements).

Thirdly, according to the nature of the elements present in the molecule (given in the above order).

Fourthly, according to the number of atoms of each single element (except carbon) present in the molecule.

Salts are placed with the compounds from which they are derived. The chlorides, bromides, iodides, and cyanides of quaternary ammonium bases, however, are registered as group-substances.

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$COCl_2$ Carbonyl chloride, thermal dissociation of (INGLESON), 2244.

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C_2H_4 Ethylene, action of nitric acid on (MCKIE), 962.

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$C_2H_4O_2$ Acetic acid, purification of (ORTON and BRADFIELD), 983; equilibria of, with its copper and lead salts and water (SANDVED), 2967.

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$C_2H_2O_6Mo$ Oxalomolybdous acid, barium salt (JAMES and WARDLAW), 2152.

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$C_2H_8ON_2Cu$ Ethylenediamminocupric hydroxide, hydrated sulphite of (MORGAN and BURSTALL), 1266.

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$C_3H_6O_2$ Methyl acetate, vapour pressures of mixtures of, with water and with sucrose and water (MCKEOWN and STOWELL), 97.

$C_3H_6O_3$ *dl*-Glyceraldehyde, preparation and properties of (REEVES), 2477.

C_3H_9N Trimethylamine, action of, with benzyl and nitrobenzyl chlorides (MCCOMBIE, SCARBOROUGH, and SMITH), 802.

3 III

C_3H_3OBr α-Bromoacraldehyde (FARMER and HEALEY), 1066.

$C_3H_9N_2Br$ β-Bromo-αγ-diaminopropane, complex nickel salts of (MANN), 2912.

$C_3H_8N_2S$ *S*-Ethylthiosemicarbazide, dihydrochloride of (BAIRD, BURNS, and WILSON), 2529.

$C_3H_{10}ON_2$ αγ-Diamino*iso*propyl alcohol, complex nickel salts of (MANN), 2913.

3 IV

$C_3H_4O_3N_2S$ Glyoxaline-2-sulphonic acid, and its barium salt (BARNES and PYMAN), 2712.

$C_3H_6ClI_2Hg_2$ Substance, from mercuric chloride and magnesium methyl iodide (HENRY and SHARP), 1949.

$C_3H_{11}N_3Cl_4Pt$ Trichlorotriaminopropaneplatinic chloride (MANN), 1231.

$C_3H_{12}N_2Cl_5Pt$ Tetrachloro(triaminopropanehydrochloride)platinum (MANN), 1229.

3 V

$C_3H_{10}ONCl_4Mo$ Trimethylammonium molybdenyl tetrachloride (JAMES and WARDLAW), 2151.

C_4 Group.

$C_4H_6O_3$ Acetic anhydride, action of bromine on (ORTON, WATSON, and HUGHES), 2458; (WATSON), 3065; estimation of, in acetic acid (ORTON and BRADFIELD), 983.

$C_4H_6O_6$ Dihydroxytartaric acid, action of halogenated phenylhydrazines on (CHATTAWAY and HUMPHREY), 1323; action of tolylhydrazines on (CHATTAWAY and HUMPHREY), 2793.

$C_4H_8O_2$ Ethyl acetate, hydrolysis of (DAWSON and LOWSON), 2107, 2444.

$C_4H_{10}O$ Ethyl ether, viscosity of, at low temperatures (ARCHIBALD and URE), 610; propagation of flame in mixtures of air and (WHITE), 498; action of, on silicon tetrachloride (KIPPING and MURRAY), 2734.

$C_4H_{12}N_2$ β-Methyltrimethylenediamine, dihydrohalides and complex salts of (MANN), 2916.

4 III

$C_4H_4O_2Cl_2$ Succinylchloride, surface tension and density of (GARNER and SUGDEN), 2880.

$C_4H_4O_5Hg_3$ Substance, from heating mercuric acetate and sodium acetate (MARSH and STRUTHERS), 2659.
$C_4H_6O_6Cu$ Cupriglycollic acid, sodium salt (WARK), 1757.
$C_4H_8O_2S_2$ β-Dithian dioxide (BELL and BENNETT), 1801.
$C_4H_9N_3S$ *S*-Allylthiosemicarbazide, dihydrochloride of (BAIRD, BURNS, and WILSON), 2529.
$C_4H_{10}OS$ Methyl γ-hydroxypropyl sulphide (BENNETT and HOCK), 2498.
$C_4H_{10}O_2S_2$ Dimethylethylene disulphoxides (BELL and BENNETT), 1803.
$C_4H_{10}O_3S$ α-Methylpropanesulphonic acid, and its salts (EVANS, MABBOTT, and TURNER), 1167.
$C_4H_{10}NCl$ β-Chlorodimethylethylamine, picrate of (HANHART and INGOLD), 1013.
$C_4H_{11}N_3S$ *S*-Propylthiosemicarbazide, dihydrochloride of (BAIRD, BURNS, and WILSON), 2529.

4 IV

$C_4H_5ON_2Br$ Bromohydroxymethylglyoxaline, and its hydrochloride (GRINDLEY and PYMAN), 3131.
$C_4H_5OCl_2Br$ αβ-Dichloro-β-bromovinyl ethyl ether (SMITH), 1100.
$C_4H_5OCl_2Br_3$ αβ-Dichloro-αββ-tribromodiethyl ether (SMITH), 1101.
C_4H_6ONCl γ-Chloro-α-hydroxy-*n*-butyronitrile (CRAWFORD and KENYON), 400.
$C_4H_6O_2N_2S$ Methylglyoxaline-2-sulphinic acid (BALABAN and KING), 1871.
$C_4H_6O_3N_2S$ Methylglyoxaline-2-sulphonic acid, and its salts (BALABAN and KING), 1872.
4(5)-Methylglyoxaline-5(4)-sulphonic acid, and its salts (BARNES and PYMAN), 2713.
$C_4H_9O_4SNa$ Sodium *sec.*-butyl sulphate (EVANS, MABBOTT, and TURNER), 1167.
$C_4H_{16}ON_4Cu$ Bisethylenediamminocupric hydroxide, salts of (MORGAN and BURSTALL), 1264.

C_5 Group.

$C_5H_{11}N$ Piperidine, use of, as an alkaline buffer (PRIDEAUX and GILBERT), 2161; as a reagent for halogenonitro-compounds (LE FÈVRE and TURNER), 1113.
$C_5H_{13}N$ Dimethyl-*n*-propylamine, and its picrate (HANHART and INGOLD), 1007, 1019.

5 III

$C_5H_5O_2Br$ Bromo-β-vinylacrylic acid (FARMER and HEALEY), 1063.
$C_5H_4O_2Br_2$ Dibromovinylacrylic acid (FARMER and HEALEY), 1062.
$C_5H_8ON_2$ 1-Methyl-2-hydroxymethylglyoxaline, and its picrate (GRINDLEY and PYMAN), 3135.
C_5H_8OS Penthian-4-one (BENNETT and SCORAH), 198.
$C_5H_{10}O_2N_4$ Diacetyl δ-aminosemicarbazone (BROWN, PICKERING, and WILSON), 110.
$C_5H_{13}N_3S$ *S*-Butylthiosemicarbazide, dihydrochloride of (BAIRD, BURNS, and WILSON), 2530.

5 IV

$C_5H_6O_2N_2S$ 2-Thiolmethylglyoxalinecarboxylic acid (BALABAN and KING), 1865.
C_5H_9ONS Penthian-4-one oxime (BENNETT and SCORAH), 199.

5 V

$C_5H_5O_2N_2SAu$ 2-Aurothiolmethylglyoxalinecarboxylic acid (BALABAN and KING), 1870.
$C_5H_6O_2NCl_2Mo$ Pyridinium molybdenum dioxydichloride (JAMES and WARDLAW), 2153.
$C_5H_{11}O_4N_3Cl_2Pt$ Chloro-oxalatotriaminopropaneplatinic chloride (MANN), 1232.
$C_5H_{12}O_4N_2Cl_4Pt$ Tetrachloro(triaminopropanehydrogenoxalate)platinum (MANN), 1231.

5 VI

$C_5H_5O_2N_2ClSHg$ 2-Chloromercurithiolmethylglyoxalinecarboxylic acid (BALABAN and KING), 1871.

C_6 Group.

C_6H_6 Benzene, adsorption of vapour of, by glass, quartz, or platinum (LENHER), 272; partition of hydrochloric acid between water and (KNIGHT and HINSHELWOOD), 466.

Δ^{ae}-Hexadien-γ-in (FARMER, LAROIA, SWITZ, and THORPE), 2948.

C_6H_8 Hexatriene, structure and behaviour of (FARMER, LAROIA, SWITZ, and THORPE), 2937.

C_6H_{12} *cyclo*Hexane, photobromination of (WOOD and RIDEAL), 2466.

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$C_6H_4O_2$ *p*-Benzoquinone, surface tension and density of (GARNER and SUGDEN), 2880.

C_6H_5Cl Benzyl chloride, action of trimethylamine with (MCCOMBIE, SCARBOROUGH, and SMITH), 802.

C_6H_6O Phenol, condensation of, with chloral (CHATTAWAY and MORRIS), 2013.

$C_6H_6O_2$ Quinol, crystal structure of (CASPARI), 1093.

Resorcinol, condensation of, with cinnamic acid (ELLISON), 1720.

$C_6H_6O_3$ Pyrogallol, condensation of, with cinnamic acid (ELLISON), 1720.

C_6H_7N Aniline, influence of salts on solubility of, in water (GLASSTONE, BRIDGMAN, and HODGSON), 635.

C_6H_7Br Bromohexatrienes (FARMER, LAROIA, SWITZ, and THORPE), 2948.

$C_6H_8O_7$ Citric acid, formation of, from sugars (CHALLENGER, SUBRAMANIAM, and WALKER), 200; (WALKER, SUBRAMANIAM, and CHALLENGER), 3044.

$C_6H_8Br_2$ Dibromohexadienes (FARMER, LAROIA, SWITZ, and THORPE), 2949.

$C_6H_8Br_4$ $\alpha\beta\gamma\delta$-Tetrabromo-Δ^{ϵ}-hexene (FARMER, LAROIA, SWITZ, and THORPE), 2948.

$C_6H_9Br_3$ Tribromohexene (FARMER, LAROIA, SWITZ, and THORPE), 2947.

$C_6H_{10}O_2$ γ-Ethoxycrotonaldehyde (FARMER, LAROIA, SWITZ, and THORPE), 2952.

$C_6H_{10}O_3$ Ethyl acetoacetate, action of, with distyryl ketones (HEILBRON and HILL), 918.

$C_6H_{10}O_8$ Mucic acids, salts (PATTERSON and FULTON), 50.

$C_6H_{10}N_2$ 1:2:3-Trimethylglyoxaline, salts of (GRINDLEY and PYMAN), 3134.

$C_6H_{12}O_2$ Caproic acid, poisoning of charcoal surfaces with (WRIGHT), 2325.

$C_6H_{12}O_6$ Dextrose, mutarotation of, in aqueous alcohols (RICHARDS, FAULKNER, and LOWRY), 1733.

Galactose, structure of (HAWORTH, HIRST, and JONES), 2428.

Lævulose, structure of (HAWORTH, HIRST, and LEARNER), 1040.

$C_6H_{14}O_2$ *s*-Divinylglycol (FARMER, LAROIA, SWITZ, and THORPE), 2946.

$C_6H_{14}O_6$ Dimethyl γ-mannonolactone (GOODYEAR and HAWORTH), 3143.

$C_6H_{15}N$ Dimethyl*iso*butylamine, and its picrate (HANHART and INGOLD), 1017.

$C_6H_{16}N_2$ β-Aminotriethylamine, complex nickel salts of (MANN), 2910.

Dimethylethylethylenediamine, dipicrate of (HANHART and INGOLD), 1010.

6 III

$C_6H_4O_3S$ Thionylpyrocatechol (GREEN), 501.

$C_6H_4N_6Fe$ Hydroferrocyanic acid, calcium and sodium salts, equilibrium of water and (FARROW), 1153; potassium salt, solubility of, in water (VALLANCE), 1328.

C_6H_5OCl *m*-Chlorophenol, Reimer–Tiemann reaction with (HODGSON and JENKINSON), 1740.

$C_6H_5O_3N$ *o*-Nitrophenol, iodination of (HODGSON), 1141.

$C_6H_6O_3N_2$ 3-Nitro-2-aminophenol (KING), 1058.
$C_6H_7O_2Br$ Bromosorbic acid (FARMER and HEALEY), 1064.
Methyl bromo-*p*-vinylacrylate (FARMER and HEALEY), 1063.
C_6H_7NS *o*-Aminothiophenol, condensation of, with $\alpha\beta$-unsaturated acids (MILLS and WHITWORTH), 2738.
$C_6H_8O_2Br_2$ Methyl β-vinylacrylate (FARMER and HEALEY), 1062.
$C_6H_{10}ON_2$ Dimethylhydroxymethylglyoxalines, and their salts (GRINDLEY and PYMAN), 3132.
$C_6H_{10}O_6Cu$ Cuprilactic acid, sodium salt (WARK), 1757.
$C_6H_{10}N_2S$ 2-Ethylthiolmethylglyoxaline, and its salts (BALABAN and KING), 1866.
$C_6H_{12}O_4N_2$ *l*-Dimethoxysuccinamide (HAWORTH and JONES), 2352.
$C_6H_{13}ON$ β-Hydroxylamino-$\beta\gamma$-dimethyl-$\Delta\gamma$-butene, hydrochloride of (EARL and KENNER), 2142.
4-Hydroxy-1-methylpiperidine, and its salts (MILLS, PARKIN, and WARD), 2622.
$C_6H_{13}O_4N$ Hydroxydimethoxybutyramide (AVERY, HAWORTH, and HIRST), 2313.
$C_6H_{13}N_3S$ Acetone *s*-ethylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2529.
$C_6H_{14}NCl$ β-Chlorodimethyldiethylamine, picrate of (HANHART and INGOLD), 1014.
$C_6H_{15}ON$ β-Hydroxydimethyldiethylamine, picrate of (HANHART and INGOLD), 1013.
$C_6H_{19}O_3N_6$ Picratopentamminocobaltic hydroxide, picrates of (DUFF and BILLS), 2371.

6 IV

$C_6HO_4Cl_5S_2$ *s*-Trichlorobenzenedisulphonyl chloride (DAVIES and POWELL), 1124.
$C_6H_2O_7N_3I$ 3-Iodo-2:4:6-trinitrophenol (HODGSON and MOORE), 635.
$C_6H_3O_2NCl_2$ 3:5-Dichloro-4-nitrosophenol[-quinone-4-oxime] (HODGSON and WIGNALL), 2219.
$C_6H_3O_3NCl_2$ 3:5-Dichloronitrophenols (HODGSON and WIGNALL), 2218.
$C_6H_3O_5N_2I$ 3-Iododinitrophenols, and their silver salts (HODGSON and MOORE), 634.
$C_6H_3O_6Cl_3S$ *s*-Trichlorobenzenedisulphonic acid, and its salts (DAVIES and POWELL), 1124.
$C_6H_4O_2NCl$ Nitrobenzyl chloride, action of trimethylamine with (MCCOMBIE, SCARBOROUGH, and SMITH), 802.
$C_6H_4O_3NI$ 3-Iodonitrophenols, and their salts (HODGSON and MOORE), 632.
$C_6H_4O_4Cl_2S_2$ Dichlorothionylquinol (GREEN), 502.
$C_6H_4O_6Cl_2S_2$ 1:3-Dichlorobenzene-4:6-disulphonic acid, and its salts (DAVIES and POOLE), 1122.
$C_6H_5ONCl_2$ 3:5-Dichloroaminophenols (HODGSON and WIGNALL), 2218.
$C_6H_5O_2BrSe$ Bromobenzene-*p*-seleninic acid (PORRITT), 29.
$C_6H_5O_6NHg_5$ Substance, from mercuretin and ammonia (MARSH and STRUTHERS), 2660.
$C_6H_7O_2N_2Br$ α-Bromomuconamides (FARMER and DUFFIN), 408.
$C_6H_8O_2NCl$ γ-Chloro-α-cyanopropyl benzoate (CRAWFORD and KENYON), 400.
$C_6H_9O_4N_2As$ 3:5-Diamino-2-hydroxyphenylarsinic acid (KING), 1057.
$C_6H_{11}ON_3S$ Penthian-4-one semicarbazone (BENNETT and SCORAH), 199.
$C_6H_{11}OIS$ Penthianonemethylsulphonium iodide (BENNETT and SCORAH), 200.
$C_6H_{12}O_3N_2S$ Thiodipropiondiamide (BENNETT and SCORAH), 196.
$C_6H_{15}NClI$ β-Chlorodimethyldiethylammonium iodide (HANHART and INGOLD), 1014.

6 V

$C_6H_5O_4N_2Cl_3S_2$ *s*-Trichlorobenzenedisulphonamide (DAVIES and POOLE), 1124.

$C_6H_{20}ON_2Cl_5Mo$ Ditrimethylammonium molybdenyl pentachloride (JAMES and WARDLAW), 2148.

C_7 Group.

$C_7H_6O_2$ Benzoic acid, heats of combustion of salicylic acid and (BERNER), 338; equilibrium of sulphur with (HAMMICK and HOLT), 493; nitration of (COOPER and INGOLD), 840.

Toluquinone, surface tension and density of (GARNER and SUGDEN), 2880.

$C_7H_6O_3$ *p*-Hydroxybenzoic acid, condensation of chloral with (CHATTAWAY and PRATS), 685.

Salicylic acid, heats of combustion of benzoic acid and (BERNER), 338; copper salt, transport numbers of (HAMER and BURY), 333; molybdenyl salts, isomeric (WARDLAW and WORMELL), 137.

$C_7H_8O_3$ ω-Methoxy-5-methylfurfural (HAWORTH, HIRST, and NICHOLSON), 1524.

$C_7H_8O_4$ ω-Methoxy-5-methylfuran-2-carboxylic acid (HAWORTH, HIRST, and NICHOLSON), 1525.

$C_7H_{17}N$ Dimethylethyl-*n*-propylamine, salts of (HANHART and INGOLD), 1006.

Trimethyl*iso*butylamine, picrate of (HANHART and INGOLD), 1017.

7 III

$C_7H_3OCl_3$ 2:3:5-Trichlorobenzaldehyde (HODGSON and BEARD), 2382.

$C_7H_3O_8N_3$ 2:4:6-Trinitro-3-hydroxybenzaldehyde (HODGSON and BEARD), 2379.

$C_7H_4OBr_2$ 3:4-Dibromobenzaldehyde (HODGSON and BEARD), 26.

$C_7H_4OI_2$ 3:4-Di-iodobenzaldehyde (HODGSON and BEARD), 27.

$C_7H_4O_2Br_4$ Substance, from bromine and dimethylpyrone (COLLIE and KLEIN), 2163.

$C_7H_4O_6N_2$ Dinitrohydroxybenzaldehydes, and their salts (HODGSON and BEARD), 2378.

C_7H_5OCl Benzoyl chloride, nitration of (COOPER and INGOLD), 839.

$C_7H_5O_2Cl$ Chlorohydroxybenzaldehydes (HODGSON and JENKINSON), 1740.

$C_7H_5O_2I$ Iodohydroxybenzaldehydes (HODGSON and JENKINSON), 3043.

$C_7H_5O_3Cl$ 2-Chloro-4-hydroxybenzoic acid (HODGSON and JENKINSON), 1742.

$C_7H_5O_3Br$ Bromohydroxybenzoic acids (HODGSON and JENKINSON), 3042.

$C_7H_5O_3I$ Iodohydroxybenzoic acids (HODGSON and JENKINSON), 3043.

C_7H_5NSe Benzselenazole (CLARK), 2806.

$C_7H_6O_2Br_2$ Substance, from heating $C_{14}H_{17}O_4Br_3$ with water (COLLIE and KLEIN), 2162.

$C_7H_6O_3N_2$ Nitrobenzaldoximes, and their sulphates (BRADY and WHITEHEAD), 2935.

$C_7H_6O_5N_2$ Dinitro-*p*-cresols (DADSWELL and KENNER), 584.

C_7H_7ON Benzamide, nitration of (COOPER and INGOLD), 841.

C_7H_7OCl *o*-Chloroanisole, nitration of (INGOLD and SMITH), 1691.

C_7H_7OBr *o*-Bromoanisole, nitration of (INGOLD and SMITH), 1694.

C_7H_7OI *o*-Iodoanisole, nitration of (INGOLD and SMITH), 1695.

C_7H_7OK Potassium *m*-tolyloxide, interaction of aliphatic esters with (SMITH), 170.

$C_7H_7O_2Br$ Bromoquinol methyl ethers (IRVINE and SMITH), 74.

$C_7H_7O_3N$ Acetyl-α-furfuraldoxime (BRADY and GOLDSTEIN), 1961.

$C_7H_7O_3N_3$ 3-Nitro-4-aminobenzaldoxime (HODGSON and BEARD), 23.

$C_7H_7O_3Br$ Substance, from bromine and diacetylacetone salts (COLLIE and KLEIN), 2164.

$C_7H_8O_2S$ Toluene-ω-sulphonic acid, nitration of (BOTTOMLEY and ROBINSON), 2786.

$C_7H_8O_2Se$ Tolueneseleninic acids (PORRITT), 29.

$C_7H_8O_3N_2$ *O-p*-Nitrobenzylhydroxylamine, and its hydrochloride (BRADY and KLEIN), 882.
$C_7H_9O_2Br$ Methyl bromosorbate (FARMER and HEALEY), 1064.
$C_7H_9O_3N$ ω-Methoxy-5-methylfurfuraldoxime (HAWORTH, HIRST, and NICHOLSON), 1524.
$C_7H_{10}O_2Br_2$ Methyl dibromosorbate (FARMER and HEALEY), 1064.
$C_7H_{11}O_2N$ ββ-Dimethylglutarimide (SIRCAR), 604.
as-Methylethylsuccinimide (SIRCAR), 1254.
$C_7H_{12}N_2S$ Acetone *S*-allylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2529.
$C_7H_{14}ON_4$ Diacetonecarbohydrazone (BROWN, PICKERING, and WILSON), 108.
$C_7H_{15}O_3N$ Carnitine, constitution of (CRAWFORD and KENYON), 396.
$C_7H_{15}N_3S$ Acetone *S*-propylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2529.

7 IV

$C_7H_3O_4NCl_2$ 2:5-Dichloro-3-nitrobenzoic acid (HODGSON and BEARD), 2381.
$C_7H_5NBr_2S$ 2:5-Dibromophenylthiocarbimide (DYSON, GEORGE, and HUNTER), 443.
$C_7H_4ON_2Br_4$ 2:4:5:6-Tetrabromo-3-aminobenzaldoxime (HODGSON and BEARD), 2427.
$C_7H_4O_3NI$ 4-Iodo-3-nitrobenzaldehyde (HODGSON and BEARD), 25.
C_7H_4NIS Iodophenylthiocarbimides (DYSON, GEORGE, and HUNTER), 443.
$C_7H_5ONBr_2$ 3:4-Dibromobenzaldoxime (HODGSON and BEARD), 26.
$C_7H_5ONI_2$ 3:4-Di-iodobenzaldoxime (HODGSON and BEARD), 27.
$C_7H_5OCl_2I$ Dichloroiodoanisole (INGOLD, SMITH, and VASS), 1249.
$C_7H_5O_2NCl_2$ 2:4-Dichloro-5-nitrotoluene (DADSWELL and KENNER), 585.
$C_7H_5O_2N_3S$ 3-Nitro-1-aminobenzthiazole (DYSON, HUNTER, and MORRIS), 1192.
$C_7H_5O_3NCl_2$ 3:5-Dichloronitroanisoles (HODGSON and WIGNALL), 2219.
$C_7H_5O_3N_2Cl$ 4-Chloro-3-nitrobenzaldoxime (HODGSON and BEARD), 24.
$C_7H_5O_3N_2I$ 4-Iodo-3-nitrobenzaldoxime (HODGSON and BEARD), 25.
$C_7H_5N_2ClS$ 5-Chloro-1-aminobenzthiazole (DYSON, HUNTER, and MORRIS), 1190.
$C_7H_3N_2Br_5S$ 5-Bromo-1-aminobenzthiazole tetrabromide (DYSON, HUNTER, and MORRIS), 1191.
C_7H_6ONCl α-*o*-Chlorobenzaldoxime, sulphate of (BRADY and WHITEHEAD), 2936.
C_7H_6ONI Iodohydroxybenzaldoximes (HODGSON and JENKINSON), 3043.
C_7H_6OClI 4-Chloro-2-iodoanisole (INGOLD, SMITH, and VASS), 1248.
$C_7H_6O_2NCl$ Chlorohydroxybenzaldoxime (HODGSON and JENKINSON), 1740.
3-Chloro-4-nitroanisole (HODGSON and WIGNALL), 2220.
$C_7H_6O_3NI$ 3-Iodonitrophenyl methyl ethers (HODGSON and MOORE), 632.
$C_7H_6N_2Br_2S$ 2:5-Dibromophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 443.
$C_7H_7ONCl_2$ 3:5-Dichloro-4-aminoanisole (HODGSON and WIGNALL), 2219.
$C_7H_7O_2ClS$ Toluene-ω-sulphonyl chloride (BOTTOMLEY and ROBINSON), 2785.
$C_7H_7N_2BrS$ *o*-Bromophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 443.
$C_7H_7N_2IS$ Iodophenylthiocarbamides (DYSON, GEORGE, and HUNTER), 443.
$C_7H_9O_5N_2As$ 2 Hydroxy-4-carbamidophenylarsinic acid, and its salts (KING), 1056.
$C_7H_{10}O_2N_2S$ 2-Ethylthiolmethylglyoxalinecarboxylic acid, and its hydrochlorides (BALABAN and KING), 1867.
$C_7H_{15}ON_2Cl$ γ-Dimethylamino-α-hydroxy-*n*-butyronitrile methochloride, and its salts (CRAWFORD and KENYON), 401.

$C_7H_{16}O_3NCl$ α-Hydroxy-γ-butyrotrimethylbetaine hydrochloride, and its salts (CRAWFORD and KENYON), 401.

7 V

$C_7H_5ONClBr$ Chlorobromobenzaldoximes (HODGSON and BEARD), 25.

C_7H_5ONClI Chloroiodobenzaldoximes (HODGSON and BEARD), 26.

C_7H_5ONBrI Bromoiodobenzaldoximes (HODGSON and BEARD), 26.

$C_7H_5N_2ClBr_2S$ 5-Chloro-1-aminobenzthiazole dibromide (DYSON, HUNTER, and MORRIS), 1190.

$C_7H_5N_2ClBr_6S$ 5-Chloro-1-aminobenzthiazole hexabromide (DYSON, HUNTER, and MORRIS), 1191.

$C_7H_6O_4NClS$ Nitrobenzylsulphonyl chlorides (C. K. and E. H. INGOLD and SHAW), 831.

$C_7H_9O_2N_2SAu$ Ethyl 2-aurothiolmethylglyoxalinecarboxylate (BALABAN and KING), 1869.

7 VI

$C_7H_9O_2N_2ClSHg$ Ethyl 2-chloromercurithiolmethylglyoxalinecarboxylate (BALABAN and KING), 1871.

C_8 Group.

C_8H_{12} αζ-Dimethylhexatriene (FARMER, LAROIA, SWITZ, and THORPE), 2957.

8 II

$C_8H_6O_4$ *iso*Phthalic acid, oxidation of (FARMER and RICHARDSON), 62.

$C_8H_8O_3$ Acetylpyrocatechol (GREEN), 502.

Mandelic acid, cupric salt (WARK), 1754.

$C_8H_{10}O_3$ 2:3-Dimethyl*cyclo*butane-1:4-dicarboxylic anhydride (VOGEL), 1993.

$C_8H_{10}O_4$ 4:5-Dimethoxyresorcinol (CHAPMAN, PERKIN, and ROBINSON), 3031.

4-Hydroxy-2:2-dimethyl*cyclo*penten-3-one-1-carboxylic acids (GIBSON, HARIHARAN, and SIMONSEN), 3013.

Methyl ω-methoxy-5-methylfuran-2-carboxylate (HAWORTH HIRST, and NICHOLSON), 1525.

$C_8H_{12}O_2$ Ethyl Δ^1-*cyclo*pentenecarboxylate (SIRCAR), 1255.

*cyclo*Hexylideneacetic acid, sodium salt (LINSTEAD), 370.

3-Hydroxy*cyclo*hexolacetolactone (ROBINSON and ZAKI), 2411.

$C_8H_{12}O_4$ 2:3-Dimethyl*cyclo*butane-1:4-dicarboxylic acids (VOGEL), 1993.

Methyl Δβ-dihydromuconate (FARMER and DUFFIN), 409.

Methylethylparaconic acid, and its silver salt (SIRCAR), 1258.

*trans-cyclo*Pentane-1-carboxy-2-acetic acid (SIRCAR), 1255.

$C_8H_{12}Br_2$ Dibromo-*s*-dipropenylethylene glycol (FARMER, LAROIA, SWITZ, and THORPE), 2957.

$C_8H_{14}O_2$ β-Methyl-α-ethyl-Δβ-pentenoic acid, and its silver salt (KON and NARAYANAN), 1545.

$C_8H_{14}O_5$ 2:3:4-Trimethyl *l*-arabonolactone (DREW and MACBETH), 778.

Trimethyl arabonolactones (DREW, GOODYEAR, and HAWORTH), 1244.

Trimethyl γ-arabonolactones, oxidation of (HAWORTH, HIRST, and LEARNER), 2432.

Trimethyl xylonolactones (DREW, GOODYEAR, and HAWORTH), 1244.

$C_8H_{16}O_6$ γ-Ethylfructoside (ALLPRESS, HAWORTH, and INKSTER), 1235.

$C_8H_{18}O$ α-Ethoxyhexane (FARMER, LAROIA, SWITZ, and THORPE), 2951.

$C_8H_{20}N_2$ β-Dimethylaminodimethyldiethylamine picrate (HANHART and INGOLD), 1011.

Hexamethylethylenediamine, picrate of (HANHART and INGOLD), 1012.

8 III

$C_8H_2N_8Mo$ Hydromolybdicyanic acid, and its salts (BUCKNALL and WARDLAW), 2987.

$C_8H_4O_2Cl_2$ Phthalyl chlorides, surface tension and density of (GARNER and SUGDEN), 2881.

$C_8H_4N_2Cl_4$ αα-Dichloro-β-2:4-dichlorobenzeneazoethylene (CHATTAWAY and BENNETT), 2853.

$C_8H_4N_2S$ Cyanophenylthiocarbimides (DYSON, GEORGE, and HUNTER), 442.

$C_8H_4N_8Mo$ Hydromolybdocyanic acid, salts of (BUCKNALL and WARDLAW), 2981.

$C_8H_5O_4N_3$ 2:4-Dinitrophenylacetonitrile (FAIRBOURNE and FAWSON), 48.

$C_8H_6OCl_2$ 3:4-Dichloroacetophenone (ROBERTS and TURNER), 1855.

$C_8H_6O_3Cl_2$ 3:5-Dichloroanisic acid (BLAKEY, JONES, and SCARBOROUGH), 2868.

$C_8H_6O_5N_2$ α-6-Nitro-3:4-methylenedioxybenzaldoxime, sulphate of (BRADY and WHITEHEAD), 2937.

$C_8H_6O_6N_2$ Dinitromethoxybenzaldehydes (HODGSON and BEARD), 2381.

$C_8H_6O_7N_2$ 2:3-Dinitro-4-methoxybenzoic acid (DADSWELL and KENNER), 587.
2:6-Dinitro-3-methoxybenzoic acid (HODGSON and BEARD), 2381.

$C_8H_7O_2N$ 2-Hydroxy-5-methoxybenzonitrile (SHINODA), 1984.

$C_8H_7O_2Cl$ 4-Chloro-2-methoxybenzaldehyde (HODGSON and JENKINSON), 1741.

$C_8H_7O_2Br$ Bromomethoxybenzaldehydes (HODGSON and JENKINSON), 3042.

$C_8H_7O_2I$ Iodomethoxybenzaldehydes (HODGSON and JENKINSON), 3043.

$C_8H_7O_3N$ α-3:4-Methylenedioxybenzaldoxime, sulphate of (BRADY and WHITEHEAD), 2937.

$C_8H_7O_3N_3$ 7-Nitro-6-methoxyindazole (DADSWELL and KENNER), 586.

$C_8H_7O_3Cl$ 4-Chloro-2-methoxybenzoic acid (HODGSON and JENKINSON), 1741.

$C_8H_7O_3Br$ Bromomethoxybenzoic acids (HODGSON and JENKINSON), 3042.

$C_8H_7O_3I$ Iodomethoxybenzoic acids (HODGSON and JENKINSON), 3043.

$C_8H_7N_3S$ Cyanophenylthiocarbamides (DYSON, GEORGE, and HUNTER), 442.

$C_8H_7Cl_2Br$ α-2:4-Dichlorophenylethyl bromide (EVANS, MABBOTT, and TURNER), 1165.

$C_8H_8OCl_2$ 2:4-Dichlorophenylmethylcarbinol (EVANS, MABBOTT, and TURNER), 1164.

$C_8H_8O_4N_2$ Dinitro-β-phenylethane (BAKER and WILSON), 846.

$C_8H_8O_6N_2$ 2:5-Dinitrocreosol (OXFORD), 1967.
5:6-Dinitro*iso*creosol (OXFORD), 1970.

$C_8H_9O_2N$ Methoxybenzaldoximes, sulphates of (BRADY and WHITEHEAD), 2936.
α-Nitro-β-phenylethane (BAKER and WILSON), 844.
Piperonylmethylamine, and its salts (MALAN and ROBINSON), 2654.

$C_8H_9O_3Cl$ Chlorocreosol (OXFORD), 1966.

$C_8H_9O_3N$ 2-Hydroxy-5-methoxybenzaldoxime (SHINODA), 1984.

$C_8H_9O_4N$ 6-Nitro*iso*creosol (OXFORD), 1970; (HEAP, JONES, and ROBINSON), 2022.

$C_8H_9O_4N_3$ *p*-Nitrobenzyloxycarbamide (BRADY and KLEIN), 882.

$C_8H_9O_4Br$ Methyl α-bromomuconates (FARMER and DUFFIN), 407.

$C_8H_{10}ON_4$ Benzaldehyde δ-aminosemicarbazone (BROWN, PICKERING, and WILSON), 110.

$C_8H_{10}O_2Se$ Xylene-4-seleninic acids (PORRITT), 29.

$C_8H_{10}O_3N_2$ Nitro-4-methoxytoluidines (DADSWELL and KENNER), 584.
Nitroso-*N*-*o*-methoxybenzylhydroxylamine (BRADY and BENNETT), 897.

$C_8H_{10}O_3S$ Phenylethanesulphonic acids, and their salts (EVANS, MABBOTT, and TURNER), 1161.

$C_8H_{10}O_4Br_2$ Methylmuconate dibromides (FARMER and DUFFIN), 402.

$C_8H_{10}NCl$ Chloro-*m*-2-xylidines (DADSWELL and KENNER), 1106.
$C_8H_{10}NI$ 3-Iododimethylaniline (HODGSON and WIGNALL), 1145.
$C_8H_{11}O_2N$ *trans*-Hexahydrophthalimide (SIRCAR), 1254.
N-o-Methoxybenzylhydroxylamine, hydrochloride of (BRADY and BENNETT), 896.
*trans-cyclo*Pentane-1-carboxy-2-acetimide (SIRCAR), 1255.
*cyclo*Pentane*spiro*succinimide (SIRCAR), 1254.
$C_8H_{11}O_2I$ 1-Iodo-2-hydroxy*cyclo*hexylacetic acid γ-lactone (LINSTEAD and MAY), 2572.
$C_8H_{11}O_3N_3$ ω-Methoxy-5-methylfurfural semicarbazone (HAWORTH, HIRST, and NICHOLSON), 1523.
$C_8H_{11}N_3S$ δ-Benzylthiosemicarbazide, and its hydrochloride (BAIRD, BURNS, and WILSON), 2531.
$C_8H_{12}O_2S$ Ethyl penthian-4-one-3-carboxylate (BENNETT and SCORAH), 198.
Ethyl Δ^3-penthien-4-ol-3-carboxylate (BENNETT and SCORAH), 197.
$C_8H_{13}O_2N$ *as*-Diethylsuccinimide (SIRCAR), 1254.
βθ-Methylethylglutarimide (SIRCAR), 604.
$C_8H_{13}O_3N_3$ Δγ-Pentene-*aaε*-tricarboxylamide (FARMER and HEALEY), 1065.
$C_8H_{15}O_3N$ Methylbetaines of 4-hydroxypiperidylacetic acid (MILLS, PARKIN, and WARD), 2623.
$C_8H_{16}O_4N_2$ Dimethoxysuccinomethylamides (HAWORTH and JONES), 2351.
$C_8H_{17}N_3S$ Acetone δ-butylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2530.
$C_8H_{19}N_3S$ δ-Heptylthiosemicarbazide, and its hydrochloride (BAIRD, BURNS, and WILSON), 2533.

8 IV

$C_8H_3N_2Cl_4Br$ *aa*-Dichloro-θ-bromo-β-2:4-dichlorobenzeneazoethylene (CHATTAWAY and BENNETT), 2853.
$C_8H_4N_2Cl_2Br_2$ *aa*-Dichloro-β-2:4-dibromobenzeneazoethylene (CHATTAWAY and BENNETT), 2853.
$C_8H_4N_2Cl_3Br_2$ *aa*-Dichlorochlorobromobenzeneazoethylenes (CHATTAWAY and BENNETT), 2853.
$C_8H_5O_3NCl_2$ 3:4-Dichloro-2-nitroacetophenone (ROBERTS and TURNER), 1855.
$C_8H_5NBr_2S$ 3:5-Dibromo-*o*-tolylthiocarbimide (DYSON, GEORGE, and HUNTER), 444.
$C_8H_3N_3Br_4S$ 1-Amino-5-cyanobenzthiazole tetrabromide (DYSON, HUNTER, and MORRIS), 1189.
$C_8H_5N_3Br_6S$ 1-Amino-5-cyanobenzthiazole hexabromide (DYSON, HUNTER, and MORRIS), 1189.
$C_8H_6O_2N_2Cl_2$ Glyoxylic acid dichlorophenylhydrazone (CHATTAWAY and BENNETT), 2852.
$C_8H_6O_2N_2Br_2$ Glyoxylic acid dibromophenylhydrazone (CHATTAWAY and BENNETT), 2852.
$C_8H_6O_3N_2S$ 3-Nitro-*o*-tolylthiocarbimide (DYSON, GEORGE, and HUNTER), 444.
$C_8H_6O_4NI$ 3-Iodo-6-nitrophenyl acetates (HODGSON and MOORE), 632.
$C_8H_7ONCl_2$ 3:4-Dichloro-2-aminoacetophenone (ROBERTS and TURNER), 1856.
C_8H_7ONS Anisylthiocarbimides (DYSON, GEORGE, and HUNTER), 440.
C_8H_7OClS Chloromethylthiolbenzaldehydes (HODGSON and BEARD), 2427.
$C_8H_7O_3NS$ Nitromethylthiolbenzaldehydes (HODGSON and BEARD), 2425.
C_8H_8ONCl *N*-Chloroacetanilide, action of hydrochloric acid with (SOPER and PRYDE), 2761.
$C_8H_8ON_2S$ 1-Amino-5-methoxybenzthiazole (DYSON, HUNTER, and MORRIS), 1191.

$C_8H_8O_2NCl$ 4-Chloro-2-methoxybenzaldoxime (HODGSON and JENKINSON), 1741.
Chloronitro-*m*-xylenes (DADSWELL and KENNER), 1106.
$C_8H_8O_2NBr$ Bromomethoxybenzaldoximes (HODGSON and JENKINSON), 3042.
$C_8H_8O_2NI$ Iodomethoxybenzaldoximes (HODGSON and JENKINSON), 3043.
$C_8H_8O_2N_3Cl$ Chlorohydroxybenzaldehyde semicarbazones (HODGSON and JENKINSON), 1741.
$C_8H_8O_2N_3Br$ Bromohydroxybenzaldehyde semicarbazones (HODGSON and JENKINSON), 3041.
$C_8H_8O_2N_3I$ Iodohydroxybenzaldehyde semicarbazones (HODGSON and JENKINSON), 3043.
$C_8H_8O_3NCl$ 3-Chloro-6-nitro-4-methoxytoluene (DADSWELL and KENNER), 585.
$C_8H_8O_3N_2S$ Nitromethylthiolbenzaldoximes (HODGSON and BEARD), 2425.
C_8H_8NISe Benzselenazole methiodide (CLARK), 2806.
$C_8H_8N_2Br_4S$ 1-Amino-5-methylbenzthiazole tetrabromide (DYSON, HUNTER, and MORRIS), 1191.
$C_8H_9ON_2I$ 3-Iodo-4-nitrosodimethylaniline (HODGSON and WIGNALL), 1145.
$C_8H_9O_2NS$ 3-Nitroso-4-methylthiolbenzyl alcohol (HODGSON and BEARD), 2426.
$C_8H_9O_2ClS$ Phenylethanesulphonyl chlorides (EVANS, MABBOTT, and TURNER), 1162.
$C_8H_9O_3NS$ Nitrophenyl β-hydroxyethyl sulphides (BENNETT and BERRY), 1667.
$C_8H_9O_4NS$ Nitrobenzylmethylsulphones (C. K. and E. H. INGOLD and SHAW), 820.
$C_8H_9O_4N_2As$ Hydroxy-1:4-dihydroquinoxaline-6-arsinic acids (EWINS, NEWBERY, and STICKINGS), 853.
$C_7H_9O_5NS$ Methyl nitrobenzylsulphonates (C. K. and E. H. INGOLD and SHAW), 829.
$C_8H_{10}ON_2S$ 3-Aminomethylthiolbenzaldoximes (HODGSON and BEARD), 2427.
Anisylthiocarbamides (DYSON, GEORGE, and HUNTER), 440.
$C_8H_{10}O_4N_2S$ Nitrobenzylsulphonmethylamides (C. K. and E. H. INGOLD and SHAW), 824.
$C_8H_{10}O_4N_2Hg$ Ethyl 1-acetoxymercuriglyoxalinecarboxylate (BALABAN and KING), 1870.
$C_8H_{10}O_6N_2As$ 3-Nitrophenylarsinic acid 4-glycineamide (EWINS, NEWBERY, and STICKINGS), 854.
$C_8H_{11}O_2N_2Cl$ Nitro-β-phenylethylammonium chlorides (GOSS, HANHART, and INGOLD), 253.
$C_8H_{11}O_4N_2As$ Nitrosoethylaminophenylarsinic acid (BURTON and GIBSON), 2387.
$C_8H_{12}O_3NAs$ *o*-Ethylaminophenylarsinic acid (BURTON and GIBSON), 2387.
$C_8H_{15}OBrS$ Tetrahydrothiophen-δ-bromobutylsulphonium bromide, and its picrate (BENNETT and HOCK), 483.
$C_8H_{15}O_2NBr_2$ 4-Bromoacetoxy-1-methylpiperidine (MILLS, PARKIN, and WARD), 2625.
$C_8H_{16}O_3NBr$ 4-Hydroxypiperidylacetic acid methobromides (MILLS, PARKIN, and WARD), 2623.
$C_8H_{17}OBrS$ Tetrahydrothiophen-δ-hydroxybutylsulphonium bromide, and its salts (BENNETT and HOCK), 482.

8 V

$C_8H_6ONClBr_2$ Chlorodibromoacetanilide (SMITH), 1101.
C_8H_8ONClS Chloromethylthiolbenzaldoximes (HODGSON and BEARD), 2427.
$C_8H_8ON_2Br_2S$ 1-Amino-5-methoxybenzthiazole dibromide (DYSON, HUNTER, and MORRIS), 1191.
$C_8H_9O_3NClS$ Nitrophenyl β-chloroethyl sulphides (BENNETT and BERRY), 1672.
$C_8H_9O_3NBrS$ Nitrophenyl β-bromoethyl sulphides (BENNETT and BERRY), 1672.

$C_8H_8O_3NIS$ Nitrophenyl β-iodoethyl sulphides (BENNETT and BERRY), 1673.
$C_8H_8O_3NClS$ Nitrophenyl β-chloroethyl sulphoxides (BENNETT and BERRY), 1672.
$C_8H_8O_3NBrS$ Nitrophenyl β-bromoethyl sulphoxides (BENNETT and BERRY), 1672.

C_9 Group.

$C_9H_6O_4$ 4:5-Methylenedioxyphthalide (STEVENS and ROBERTSON), 2792.
$C_9H_6O_6$ Hydrastic acid, synthesis of (STEVENS and ROBERTSON), 2790.
$C_9H_8O_2$ Cinnamic acid, condensation of, with pyrogallol and resorcinol (ELLISON), 1720.
$C_9H_8O_3$ Acetophenone-*o*-carboxylic acid (DAVIES and POOLE), 2662.
$C_9H_8O_4$ 5-Carboxy-2-hydroxyacetophenone (CHATTAWAY and PRATS), 692.
$C_9H_8O_5$ 6-Hydroxymethylpiperonylic acid, and its silver salt (STEVENS and ROBERTSON), 2792.
$C_9H_{10}O_2$ 1:2-Dihydroxyallylbenzenes (PERKIN and TRIKOJUS), 1665.
$C_9H_{10}O_3$ *m*-Xylorcylaldehyde (ROBERTSON and ROBINSON), 2202.
$C_9H_{10}O_5$ 3:6-Dihydroxy-2:4-dimethoxybenzaldehyde (CHAPMAN, PERKIN, and ROBINSON), 3029.
$C_9H_{11}Br$ β-Tolylethyl bromides, isomeric, preparation and hydrolysis of (SHOESMITH and CONNOR), 1768.
$C_9H_{12}O_2$ β-Methoxyphenylethyl alcohols (SHOESMITH and CONNOR), 2233.
$C_9H_{12}O_4$ *cyclo*Pentane*spiro*paraconic acid, and its silver salt (SIRCAR), 1258.
$C_9H_{12}O_6$ β-Hydroxy-β-ethylbutane-γδδ-tricarboxylic γ-lactone (SIRCAR), 1258.
$C_9H_{13}N$ Trimethylbenzylamine, picrate of (GOSS, HANHART, and INGOLD), 257.
$C_9H_{14}O_2$ ββ-Dipropylacrylic acid, and its silver salt (KON and MAY), 1552.
α-Ethyl-Δ^1-*cyclo*pentenylacetic acid, and its silver salt (KON and NARAYANAN), 1543.
α-Ethyl*cyclo*pentylideneacetic acid (KON and NARAYANAN), 1543.
*cyclo*Heptylideneacetic acid (KON and MAY), 1554.
$C_9H_{14}O_3$ Methyl 2:2-dimethyl*cyclo*pentan-3-one-1-carboxylate (GIBSON, HARIHARAN, and SIMONSEN), 3012.
$C_9H_{14}O_4$ *apo*Fenchocamphoric acid, synthesis of (SHORT), 961.
$C_9H_{14}O_5$ γ-Acetyl-γ-methylbutane-αβ-dicarboxylic acid (BHAGVAT and SIMONSEN), 87.
α-Keto-ββγγ-tetramethylglutaric hydroxylactone (ROTHSTEIN and SHOPPEE), 533.
$C_9H_{14}O_6$ γ-Mannonolactone-acetone (GOODYEAR and HAWORTH), 3143.
$C_9H_{14}N_2$ Aminobenzyldimethylamines, and their hydrochlorides (STEDMAN), 1905.
$C_9H_{16}O_2$ β-Propylhexoic acid (KON and MAY), 1554.
$C_9H_{16}O_3$ 1-Hydroxy-α-ethyl*cyclo*pentaneacetic acid, and its silver salt (KON and NARAYANAN), 1543.

9 III

$C_9H_3N_3S$ 2:5-Dicyanophenylthiocarbimide (DYSON, GEORGE, and HUNTER), 443.
$C_9H_6O_4Cl_2$ ωω-Dichloro-5-carboxy-2-hydroxyacetophenone (CHATTAWAY and PRATS), 691.
$C_9H_7O_2N$ Homophthalimide (SIRCAR), 1255.
$C_9H_8O_5N_2$ β-*O*-Methyl-6-nitro-3:4-methylenedioxybenzaldoxime (BRADY and KLEIN), 894.
$C_9H_8O_7N_2$ Methyl 2:3-dinitro-4-methoxybenzoate (DADSWELL and KENNER), 587.
$C_9H_9O_3Cl$ Chlorotropic acids (KERR), 1947.
$C_9H_9O_6N$ 3-Nitro-2:4-dimethoxybenzoic acid (DADSWELL and KENNER), 587.

$C_9H_9NO_3$ *m*-Methoxy-ω-nitrostyrene (SHOESMITH and CONNOR), 2232.
C_9H_9NS Xylylthiocarbimides (DYSON, GEORGE, and HUNTER), 440.
$C_9H_{10}OBr_2$ β-Bromo-2-methoxyphenylethylbromides (SHOESMITH and CONNOR), 2233.
$C_9H_{10}O_3Se$ *o*-Tolylselenoglycollic acid (PORRITT), 28.
$C_9H_{10}O_4N_2$ Methyl *p*-nitrobenzylaminoformate (BAKER), 568.
$C_9H_{10}O_6N_2$ Dinitrohomoveratroles (OXFORD), 1968.
$C_9H_{10}N_2S$ *p*-Dimethylaminophenylthiocarbimide (DYSON, GEORGE, and HUNTER), 442.
$C_9H_{11}ON_3$ 2:3-Dicyano-1-methyl-1-ethyl*cyclo*propane-2-carboxylamide (SIRCAR), 1258.
$C_9H_{11}OBr$ β-*p*-Methoxyphenylethyl bromide (SHOESMITH and CONNOR), 2234.
$C_9H_{11}OI$ Benzyl β-iodoethyl ether (BENNETT and HOCK), 476.
$C_9H_{11}O_2N$ *m*-Methoxyphenylacetaldoxime (SHOESMITH and CONNOR), 2232.
$C_9H_{11}O_3N$ α-Amino-β-hydroxy-α-phenylpropionic acid, and its hydrochloride (KERR), 1946.
$C_9H_{11}O_4N$ 5-Nitro-2:4-dimethoxytoluene (DADSWELL and KENNER), 585.
$C_9H_{11}ClS$ Phenyl γ-chloropropyl sulphide (BENNETT and BERRY), 1680.
$C_9H_{12}ON_4$ Acetophenone-δ-aminosemicarbazone (BROWN, PICKERING, and WILSON), 109.
$C_9H_{12}O_2N_2$ Nitrobenzyldimethylamines, and their hydrochlorides (STEDMAN), 1904.
α-*p*-Nitrophenyl*iso*propylamine, picrate of (BAKER and INGOLD), 264.
$C_9H_{12}O_3Br_2$ Methyl 4:4-dibromo-2:2-dimethyl*cyclo*pentan-3-one-1-carboxylate (GIBSON, HARIHARAN, and SIMONSEN), 3012.
$C_9H_{12}O_3S$ α-Phenylpropanesulphonic acid, and its resolution and salts (EVANS, MABBOTT, and TURNER), 1165.
$C_9H_{12}N_2S$ Xylylthiocarbamides (DYSON, GEORGE, and HUNTER), 440.
$C_9H_{13}ON$ Hydroxybenzyldimethylamines, and their salts (STEDMAN), 1904.
$C_9H_{13}O_2N$ *trans*-Hexahydrohomophthalimide (SIRCAR), 1255.
*cyclo*Hexane*spiro*succinimide (SIRCAR), 1254.
*cyclo*Pentanediacetimide (SIRCAR), 604.
$C_9H_{13}N_2S$ *p*-Dimethylaminophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 442.
δ-α-Phenylethylthiosemicarbazide, and its hydrochloride (BAIRD, BURNS, and WILSON), 2532.
$C_9H_{15}ON$ α-Ethyl-Δ^1-*cyclo*pentenylacetamide (KON and NARAYANAN), 1543.
α-Ethyl*cyclo*pentylideneacetamide (KON and NARAYANAN), 1543.
β-Propyl-Δ^β-hexeno-amide (KON and MAY), 1553.
$C_9H_{15}O_2N$ ββ-Diethylglutarimide (SIRCAR), 604.
$C_9H_{18}ON_4$ Di(methylethyl ketone) carbohydrazone (BROWN, PICKERING, and WILSON), 109.

9 IV

C_9H_7ONS *p*-Acetylphenylthiocarbimide (DYSON, GEORGE, and HUNTER), 442.
$C_9H_8O_2N_2Cl_2$ Methyl glyoxylate 2:4-dichlorophenylhydrazone (CHATTAWAY and BENNETT), 2851.
$C_9H_8O_2N_2Br_2$ Methyl glyoxylate 2:4-dibromophenylhydrazone (CHATTAWAY and BENNETT), 2851.
$C_9H_8O_3N_2S$ 2-Nitro-4-ethoxyphenylthiocarbimide (DYSON, GEORGE, and HUNTER), 444.
C_9H_9ONS Ethoxyphenylthiocarbimides (DYSON, GEORGE, and HUNTER), 441.
4-Ketotetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2750.
$C_9H_9O_2NS$ Dimethoxyphenylthiocarbimides (DYSON, GEORGE, and HUNTER), 441.

$C_9H_9O_4NS$ *o*-Nitrophenylthiolpropionic acid (MILLS and WHITWORTH), 2750.
$C_9H_9N_2ClS$ 5-Chloro-1-dimethylaminobenzthiazole (HUNTER and STYLES), 1213.
$C_9H_{10}ONCl$ 2-Chloroaceto-*p*-toluidide, dimorphism of (SCHOFIELD), 2903.
$C_9H_{10}ON_2S$ *p*-Acetylphenylthiocarbamide (DYSON, GEORGE, and HUNTER), 442.
1-Amino-5-ethoxybenzthiazole (DYSON, HUNTER, and MORRIS), 1191.
$C_9H_{10}O_3NBr$ 6-Bromo-β-piperonylethylamine, and its salts (STEVENS), 184.
$C_9H_{10}O_3N_2Cl$ Chloromethoxybenzaldehyde semicarbazones (HODGSON and JENKINSON), 1741, 3042.
$C_9H_{10}O_3N_3Br$ Bromomethoxybenzaldehyde semicarbazones (HODGSON and JENKINSON), 3042.
$C_9H_{10}O_3N_3I$ Iodomethoxybenzaldehyde semicarbazones (HODGSON and JENKINSON), 3043.
$C_9H_{10}O_3NBr$ α-6-Bromo-3:4-dimethoxybenzaldoxime, sulphate of (BRADY and WHITEHEAD), 2936.
$C_9H_{10}O_4NBr$ 6-Bromo-2-nitrohomoveratrole (OXFORD), 1970.
$C_9H_{10}N_2Br_2S$ 1-Dimethylaminobenzthiazole dibromide (HUNTER and STYLES), 1211.
$C_9H_{10}N_2Br_6S$ 1-Dimethylaminobenzthiazole hexabromide (HUNTER and STYLES), 1212.
$C_9H_{11}O_3NS$ *o*-Aminophenylthiolpropionic acid (MILLS and WHITWORTH), 2750.
$C_9H_{11}O_2ClS$ α-Phenylpropanesulphonyl chloride (EVANS, MABBOTT, and TURNER), 1166.
$C_9H_{11}O_3NS$ *p*-Nitrobenzyl β-hydroxyethyl sulphide (BENNETT and BERRY), 1671.
p-Nitrophenyl γ-hydroxypropyl sulphide (BENNETT and BERRY), 1671.
$C_9H_{11}O_3N_3S$ 2-Nitro-4-ethoxyphenylthiocarbamide (DYSON, GEORGE, and HUNTER), 444.
$C_9H_{11}N_2ClS$ *s*-*p*-Chlorophenyldimethylthiocarbamide (HUNTER and STYLES), 1213.
$C_9H_{11}N_2Br_5S$ 1-Dimethylaminobenzthiazole tetrabromide hydrobromide (HUNTER and STYLES), 1211.
$C_9H_{12}ON_2S$ Ethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 441.
$C_9H_{12}O_2N_2S$ Dimethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 441.
$C_9H_{12}O_4N_2S$ Nitrobenzylsulphondimethylamides (C. K. and E. H. INGOLD, and SHAW), 826.
Nitrobenzylsulphonethylamides (C. K. and E. H. INGOLD, and SHAW), 825.
$C_9H_{13}O_2NS$ Benzylsulphonethylamide (C. K. and E. H. INGOLD, and SHAW), 818.
$C_9H_{13}O_2N_2Cl$ γ-*p*-Nitrophenylpropylammonium chloride (INGOLD and WILSON), 813.
$C_9H_{14}O_2N_2S$ Ethyl 2-ethylthiolmethylglyoxalinecarboxylate, and its salts (BALABAN and KING), 1866.

9 V

$C_9H_7ON_2ClS$ 5-Chloro-1-acetylaminobenzthiazole (DYSON, HUNTER, and MORRIS), 1190.
$C_9H_{10}O_3NClS$ *p*-Nitrophenyl γ-chloropropyl sulphide (BENNETT and BERRY), 1672.
$C_9H_{10}N_2ClBr_2S$ 5-Chloro-1-dimethylaminobenzthiazole dibromide hydrobromide (HUNTER and STYLES), 1213.
$C_9H_{11}ON_2Br_5S$ 1-Amino-5-ethoxybenzthiazole tetrabromide hydrobromide (DYSON, HUNTER, and MORRIS), 1191.

9 VI

$C_9H_7ON_2ClBr_4S$ 5-Chloro-1-acetamidobenzthiazole tetrabromide (DYSON, HUNTER, and MORRIS), 1191.

C_{10} Group.

$C_{10}H_{16}$ Pinene, recovery of, from its nitroso-chloride (EARL and KENNER), 1269.

10 II

$C_{10}H_8O_3$ 4-Hydroxy-3-methylcoumarin (HEILBRON and HILL), 1706.
4-Methoxycoumarin (HEILBRON and HILL), 1707.
$C_{10}H_8O_4$ 6-Hydroxymethylhomopiperonylolactone (STEVENS), 181.
$C_{10}H_{10}O_2$ Methyl atropate (BAKER and ECCLES), 2129.
Safrole, synthesis of (PERKIN and TRIKOJUS), 1663.
$C_{10}H_{10}O_4$ *m*-Methoxyphenylpyruvic acid (CHAKRAVARTI, HAWORTH, and PERKIN), 2270.
$C_{10}H_{10}N_2$ 2:3-Dimethyl-1:2:3:4-tetrahydroquinoxalines, stereoisomeric, and their tartrates (GIBSON), 342.
$C_{10}H_{12}O_2$ Ethyl phenylacetate, nitration of (BAKER and INGOLD), 834.
$C_{10}H_{12}O_3$ 2:4-Dimethoxymethylbenzaldehydes (ROBERTSON and ROBINSON), 2200.
$C_{10}H_{12}O_5$ Antiarolaldehyde (CHAPMAN, PERKIN, and ROBINSON), 3029.
n-Propyl gallate (CLARKE, ROBINSON, and SMITH), 2649.
Substance, from acetylation of antiarol (CHAPMAN, PERKIN, and ROBINSON), 3033.
Substance, from oxidation of 4:4:5-trimethyl-Δ^5-*cyclo*pentene-1:3-dicarboxylic acid (BHAGVAT and SIMONSEN), 86.
$C_{10}H_{13}Br$ α-Phenylbutyl bromide (EVANS, MABBOTT, and TURNER), 1166.
$C_{10}H_{14}O_2$ Benzyl γ-hydroxypropyl ether (BENNETT and HOCK), 474.
$C_{10}H_{14}O_3$ Camphorquinone, action of sulphuric acid on (BHAGVAT and SIMONSEN), 77.
$C_{10}H_{14}O_4$ $a\zeta$-Diacetoxy-$\Delta^{\beta\delta}$-hexadiene (FARMER, LAROIA, SWITZ, and THORPE), 2950.
4-Hydroxy-2:2:3-trimethyl-Δ^3-*cyclo*hexen-5-one-1-carboxylic acid (BHAGVAT and SIMONSEN), 83.
4:4:5-Trimethyl-Δ^5-*cyclo*pentene-1:3-dicarboxylic acids (BHAGVAT and SIMONSEN), 84.
$C_{10}H_{14}O_8$ $\beta\gamma$-Dimethylbutane-$\alpha\alpha\delta\delta$-tetracarboxylic acids (VOGEL), 1990.
$C_{10}H_{16}O$ Pulegones (HUGH, KON, and LINSTEAD), 2585.
$C_{10}H_{16}O_3$ Tetramethyladipic anhydrides (FARMER and KRACOVSKI), 683.
$C_{10}H_{16}O_4$ 4:4:5-Trimethyl*cyclo*pentane-1:3-dicarboxylic acid (BHAGVAT and SIMONSEN), 85.
$C_{10}H_{16}O_5$ 1-Hydroxy-4:4:5-trimethyl*cyclo*pentane-1:3-dicarboxylic acid (BHAGVAT and SIMONSEN), 84.
$C_{10}H_{18}O_2$ 1-Hydroxy-α-ethyl*cyclo*hexaneacetic acid, and its silver salt (KON and NARAYANAN), 1539.
$C_{10}H_{18}O_6$ Tetramethyl gluconolactones (DREW, GOODYEAR, and HAWORTH), 1241; oxidation of (HAWORTH, HIRST, and MILLER), 2436.
Tetramethyl mannonolactone (DREW, GOODYEAR, and HAWORTH), 1243.
$C_{10}H_{18}O_7$ Substance, from oxidation of tetramethyl γ-fructose (HAWORTH, HIRST, and NICHOLSON), 1520.
$C_{10}H_{20}O_3$ β-Hydroxy-β-methyl-α-ethylpentanoic acid, and its silver salt (KON and NARAYANAN), 1544.
$C_{10}H_{20}O_6$ Tetramethylglucose, mutarotation of, in aqueous alcohols (RICHARDS, FAULKNER, and LOWRY), 1733.
Tetramethylglucoses, structure of (HAWORTH, HIRST, and MILLER), 2436.
2:3:4:6-Tetramethylmannose (DREW, GOODYEAR, and HAWORTH), 1243.
$C_{10}H_{21}N$ *d-neoiso*Menthylamine, and its salts (READ and ROBERTSON), 2172.
$C_{10}H_{22}O_2$ $a\zeta$-Diethoxyhexane (FARMER, LAROIA, SWITZ, and THORPE), 2951.
$C_{10}H_{24}N_2$ *s*-Tetramethyldiethylethylenediamine, dipicrate of (HANHART and INGOLD), 1011.

10 III

$C_{10}H_6O_2Cl_2$ 1:8-Naphthalyl chloride, preparation and reactions of (DAVIES and LEEPER), 1124.

$C_{10}H_6O_3S$ 1:8-Thionyldihydroxynaphthalene (GREEN), 2344.
$C_{10}H_7O_2N$ Cyanocinnamic acids (DAVIES and POOLE), 2661.
$C_{10}H_7O_2Br_5$ Pentabromosafrole (PERKIN and TRIKOJUS), 1666.
$C_{10}H_7O_4N_3$ 1-Phenyl-4-oximino-5-ketopyrazoline-3-carboxylic acid (CHATTAWAY and HUMPHREY), 2137.
$C_{10}H_8O_3S$ Methyl benzylsulphonate (C. K. and E. H. INGOLD and SHAW), 819.
$C_{10}H_8O_7N_2$ Ethyl 2:4-dinitrobenzoylformate (FAIRBOURNE and FAWSON), 49.
$C_{10}H_9O_2N$ Nitrosodihydro-α-naphthols (ROWE and LEVIN), 531.
$C_{10}H_9O_3N_3$ 1-Phenyl-4-amino-5-ketopyrazoline-3-carboxylic acid, and its hydrochloride (CHATTAWAY and HUMPHREY), 2135.
$C_{10}H_9O_4N$ Methyl *p*-nitroatropate (BAKER and ECCLES), 2131.
Nitrobenzoylacetones (BURGESS), 2018.
6-Nitro*iso*safrole (ROBINSON and ZAKI), 2489.
$C_{10}H_9O_4Br$ 6-Bromomethylhomopiperonylic acid (STEVENS), 186.
$C_{10}H_9O_6N$ *m*-Nitrobenzylmalonic acid (BAKER and ECCLES), 2127.
$C_{10}H_{10}O_{10}Hg$ Mercuretin (MARSH and STRUTHERS), 2658.
$C_{10}H_{11}ON_3$ *cyclo*Pentane*spiro*-2:3-dicyano*cyclo*propane-2-carboxylamide (SIRCAR), 1258.
$C_{10}H_{11}O_2N$ 6-Amino*iso*safrole, and its hydrochloride (ROBINSON and ZAKI), 2490.
5:6-Dimethoxyindole (OXFORD and RAPER), 420.
2:6-Dimethoxy-4-methylbenzonitrile (ROBERTSON and ROBINSON), 2201.
$C_{10}H_{11}O_3N$ Acetopiperonylmethylamide (MALAN and ROBINSON), 2655.
4-Nitro-*ar*-tetrahydro-α-naphthol (ROWE and LEVIN), 531.
$C_{10}H_{11}O_3Cl$ Acetylchlorocreosol (OXFORD), 1966.
$C_{10}H_{11}O_4N$ 6-Hydroxymethylhomopiperonylamide (STEVENS), 182.
$C_{10}H_{11}O_4N_3$ *m*-Nitrobenzylmalonamide (BAKER and ECCLES), 2127.
$C_{10}H_{11}O_6N$ Methyl 3-nitro-2:4-dimethoxybenzoate (DADSWELL and KENNER), 587.
2-Nitro-4:5-dimethoxyphenylacetic acid (OXFORD and RAPER), 419.
$C_{10}H_{12}O_2Se$ Xylyl-4-selenoglycollic acids (PORRITT), 28.
$C_{10}H_{12}O_4N_2$ Acetylnitro-4-methoxytoluidines (DADSWELL and KENNER), 584.
Methyl benzylmethylaminoformate (BAKER), 570.
$C_{10}H_{12}N_2S$ 1-Dimethylaminomethylbenzthiazoles (HUNTER and STYLES), 1212.
$C_{10}H_{13}ON$ Acetoxylidides, and their salts (DADSWELL and KENNER), 1104.
$C_{10}H_{13}OCl$ Benzyl γ-chloropropyl ether (BENNETT and HOCK), 474.
$C_{10}H_{13}O_2N$ Methyl benzylmethylaminoformate (BAKER), 567.
$C_{10}H_{13}O_3N$ 3:5-Dimethoxyacetanilide (OAKESHOTT and PLANT), 489.
2:6-Dimethoxy-4-methylbenzamide (ROBERTSON and ROBINSON), 2200.
$C_{10}H_{13}O_5N$ Oxime from substance $C_{10}H_{12}O_5$ (BHAGVAT and SIMONSEN), 86.
$C_{10}H_{13}N_3S$ Benzaldehyde *S*-ethylthiosemicarbazone, and its hydrochloride (BAIRD, BURNS, and WILSON), 2529.
$C_{10}H_{14}O_2N_2$ Dimethylnitro-β-phenylethylamines, salts of (GOSS, HANHART, and INGOLD), 255.
Nitrobenzyltrimethylamines, picrates of (GOSS, HANHART, and INGOLD), 260.
$C_{10}H_{14}O_3S$ α-Phenylbutanesulphonic acid, sodium salt (EVANS, MABBOTT, and TURNER), 1166.
$C_{10}H_{14}N_2S$ *s*-Tolyldimethylthiocarbamides (HUNTER and STYLES), 1212.
$C_{10}H_{15}ON$ Methoxybenzyldimethylamines, and their hydrochlorides (STEDMAN), 1904.
$C_{10}H_{15}O_2N$ β-2:3-Dimethoxyphenylethylamine, and its salts (HAWORTH), 2283.
*cyclo*Hexanediacetimide (SIRCAR), 604.

$C_{10}H_{15}O_5Cl$ Trihydroxymethoxyflavylium chlorides (ROBERTSON and ROBINSON), 1715.

$C_{10}H_{16}O_4N_6$ 2:2-Dimethyl*cyclo*pentane-3:4-dione-1-carboxylic acid disemicarbazone (GIBSON, HARIHARAN, and SIMONSEN), 3014.

$C_{10}H_{17}ON$ α-Ethyl-Δ^1-*cyclo*hexenylacetamide (KON and NARAYANAN), 1540.

$C_{10}H_{18}O_4S$ Ethyl thiodipropionate (BENNETT and SCORAH), 196.

$C_{10}H_{19}ON_3$ δ-Methyl-γ-ethyl-Δ^5-hexen-β-one semicarbazone (KON and NARAYANAN), 1545.

$C_{10}H_{19}O_6N$ Substance, from oxidation of tetramethyl γ-fructose (HAWORTH, HIRST, and NICHOLSON), 1521.

$C_{10}H_{20}O_5N_2$ *l*-Arabotrimethoxyglutaromethylamide (HAWORTH and JONES), 2353.
i-Trimethoxyglutaromethylamide (HAWORTH and JONES), 2352.

$C_{10}H_{26}N_2I_2$ *s*-Tetramethyldiethylethylenediammonium di-iodide (HANHART and INGOLD), 1011.

10 IV

$C_{10}H_4O_6N_2Cl_6$ Anhydro-3:5-dinitro-2βββ-trichloro-α-hydroxyethoxy-1-βββ-trichloro-α-hydroxyethylbenzene (CHATTAWAY and MORRIS), 2015.

$C_{10}H_5O_4Cl_7S$ Anhydro-2-βββ-trichloro-α-hydroxyethoxy-1-βββ-trichloro-α-hydroxyethylbenzene-5-sulphonyl chloride (CHATTAWAY and MORRIS), 2016.

$C_{10}H_6ONCl$ *o*-Cyano*allo*cinnamyl chloride (DAVIES and POOLE), 2663.

$C_{10}H_6O_5Cl_6S$ Anhydro-2-βββ-trichloro-α-hydroxyethoxy-1-βββ-trichloro-α-hydroxyethylbenzene-5-sulphonic acid, and its ammonium salt (CHATTAWAY and MORRIS), 2014.

$C_{10}H_8O_2NCl$ 6-Chloromethylhomopiperonylonitrile (STEVENS), 182.

$C_{10}H_8O_6N_2Cl_2$ ωω-Dichloro-3:5-dinitro-2-ethoxyacetophenone (CHATTAWAY and MORRIS), 2016.

$C_{10}H_9O_2NS$ Carbethoxyphenylthiocarbimides (DYSON, GEORGE, and HUNTER), 441.

$C_{10}H_9O_3NS$ 3-Keto-2:3-dihydro-1:4-benzthiazine-2-acetic acid (MILLS and WHITWORTH), 2751.

$C_{10}H_{10}O_3N_2Cl_2$ Ethyl glyoxylate 2:4-dichlorophenylhydrazone (CHATTAWAY and BENNETT), 2851.

$C_{10}H_{10}O_3N_2Br_2$ Ethyl glyoxylate 2:4-dibromophenylhydrazone (CHATTAWAY and BENNETT), 2852.

$C_{10}H_{10}O_2N_2S$ 1-Amino-5-carbethoxybenzthiazole (DYSON, HUNTER, and MORRIS), 1190.

$C_{10}H_{10}O_3NCl$ Ethyl β-4-hydroxypiperidylacetate methochloride (MILLS, PARKIN, and WARD), 2624.

$C_{10}H_{11}ONS$ 4-Keto-2-methyltetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2749.

$C_{10}H_{12}ONCl$ Chloroaceto-*m*-2-xylidides (DADSWELL and KENNER), 1106.

$C_{10}H_{12}ONI$ 1-Methylbenzoxazole ethiodide (HAMER), 2803.

$C_{10}H_{12}ON_2S$ 1-Dimethylamino-5-methoxybenzthiazole (HUNTER and STYLES), 1212.

$C_{10}H_{12}O_2NBr$ Methylbromopiperonylethylamine, and its salts (STEVENS), 185.

$C_{10}H_{13}O_2N_3S$ Carbethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 441.

$C_{10}H_{12}N_2Br_4S$ 1-Dimethylamino-3-methylbenzthiazole tetrabromide (HUNTER and STYLES), 1212.

$C_{10}H_{12}N_2Br_6S$ 1-Dimethylamino-5-methylbenzthiazole hexabromide (HUNTER and STYLES), 1213.

$C_{10}H_{13}N_2Br_5S$ 1-Dimethylamino-5-methylbenzthiazole tetrabromide hydrobromide (HUNTER and STYLES), 1212.

$C_{10}H_{14}ON_2S$ *s*-*p*-Methoxyphenyldimethylthiocarbamide (HUNTER and STYLES), 1212.

$C_{10}H_{15}O_3N_2I$ *p*-Nitrobenzyltrimethylammonium iodide (STEDMAN), 1905.

$C_{10}H_{15}O_5N_2As$ 3-Nitro-6-diethylaminophenylarsinic acid (BURTON and GIBSON), 2388.

$C_{10}H_{20}O_3NBr$ Ethyl 4-hydroxy-1-piperidylacetate methobromides (MILLS, PARKIN, and WARD), 2622.

10 V

$C_{10}H_5O_4NCl_6S$ Anhydro-2-*βββ*-trichloro-*α*-hydroxyethoxy-1-*δββ*-trichloro-*α*-hydroxyethylbenzene-5-sulphondichloroamide (CHATTAWAY and MORRIS), 2017.

$C_{10}H_7O_4NCl_6S$ Anhydro-2-*δδδ*-trichloro-*α*-hydroxyethoxy-1-*ββδ*-trichloro-*α*-hydroxyethylbenzene-5-sulphonamide (CHATTAWAY and MORRIS), 2017.

$C_{10}H_{10}O_2N_2ClBr$ Ethyl glyoxylate chlorobromophenylhydrazones (CHATTAWAY and BENNETT), 2852.

$C_{10}H_{10}O_2N_2Br_2S$ 1-Amino-5-carbethoxybenzthiazole dibromide (DYSON, HUNTER, and MORRIS), 1190.

$C_{10}H_{12}ON_2Cl_5Mo$ Dipyridinium molybdenyl pentachloride (JAMES and WARDLAW), 2148.

$C_{10}H_{12}ON_2Br_4S$ 1-Dimethylamino-5-methoxybenzthiazole tetrabromide (HUNTER and STYLES), 1212.

$C_{10}H_{13}O_2N_2Cl_7As$ 3-Nitro-6-diethylaminophenylarsenious chloride (BURTON and GIBSON), 2388.

C_{11} Group.

$C_{11}H_8Br_2$ 5-Bromo-*α*-naphthylmethyl bromide (SHOESMITH and RUBLI), 3104.

$C_{11}H_{10}O_2$ 4-Methoxy-3-methylcoumarin (HEILBRON and HILL), 1707.

$C_{11}H_{10}O_5$ 3:4-Dimethoxyhomophthalic anhydride (HAWORTH, KOEPFLI, and PERKIN), 551.

$C_{11}H_{10}O_6$ *O*-Diacetylphloroglucinaldehyde (ROBERTSON and ROBINSON), 1712.

$C_{11}H_{12}O_5$ 6-Methoxymethylhomopiperonylic acid, and its silver salt (STEVENS), 185.

5-Methylcarbonato-orcylaldehyde 3-methyl ether (HIRST), 2495.

$C_{11}H_{12}N_2$ 8-Amino-2:4-dimethylquinoline (ROBERTS and TURNER), 1856.

$C_{11}H_{14}O_3$ Ethyl *m*-tolyloxyacetate (SMITH), 176.

Propylvanillins (DICKINSON, HEILBRON, and IRVING), 1895.

$C_{11}H_{14}O_5$ *O*-Acetylantiarol (CHAPMAN, PERKIN, and ROBINSON), 3029.

$C_{11}H_{14}O_6$ *ω*-5:6-Trimethoxyresacetophenone (CHAPMAN, PERKIN, and ROBINSON) 3033.

$C_{11}H_{16}O_2$ Benzyl *δ*-hydroxybutyl ether (BENNETT and HOCK), 475.

4-*n*-Butoxyanisole (CLARKE, ROBINSON, and SMITH), 2651.

$C_{11}H_{16}O_4$ Methyl 4-hydroxy-2:2:3-trimethyl-Δ^3-cyclohexen-5-one-1-carboxylate (BHAGVAT and SIMONSEN), 82.

$C_{11}H_{16}O_6$ Acetyl-*α*-keto-*ββγγ*-tetramethylglutaric hydroxylactone (ROTHSTEIN and SHOPPEE), 534.

$C_{11}H_{18}O_2$ *ββ*-Di*iso*butylacrylic acid (KON and MAY), 1554.

$C_{11}H_{18}O_4$ *α*-Ethyl*cyclo*pentane-1:1-diacetic acid, and its silver salt (KON and NARAYANAN), 1544.

$C_{11}H_{18}O_6$ Dimethyl *γ*-mannonolactone-acetone (GOODYEAR and HAWORTH), 3142.

$C_{11}H_{20}O_2$ Ethyl-1-hydroxy-*α*-ethyl*cyclo*pentaneacetate (KON and NARAYANAN), 1543.

$C_{11}H_{20}O_7$ Substance, from oxidation of tetramethylfructose (HAWORTH, HIRST, and LEARNER), 1047; (AVERY, HAWORTH, and HIRST), 2313.

11 III

$C_{11}H_5O_2Cl_7$ Acid chloride of anhydro-5-carboxy-2-*βββ*-trichloro-*α*-hydroxyethoxy-1-*βββ*-trichloro-*α*-hydroxyethylbenzene (CHATTAWAY and PRATS), 689.

$C_{11}H_8O_4Cl_6$ Anhydro-5-carboxy-2-$\beta\beta\beta$-trichloro-α-hydroxyethoxy-1-$\beta\beta\beta$-trichloro-α-hydroxyethylbenzene (CHATTAWAY and PRATS), 687.

$C_{11}H_7NCl_4$ Tetrachloro-2:4-dimethylquinolines (ROBERTS and TURNER), 1848.

$C_{11}H_8O_4N_2$ Anhydrodiketosuccinic acid tolylhydrazones (CHATTAWAY and HUMPHREY), 2794.

$C_{11}H_8O_8N_4$ Ethyl 2:4:6-trinitrophenylcyanoacetate (FAIRBOURNE and FAWSON) 48.

$C_{11}H_6NCl_3$ Trichloro-2:4-dimethylquinolines (ROBERTS and TURNER), 1852.

$C_{11}H_9OBr$ 5-Bromo-α-naphthylcarbinol (SHOESMITH and RUBLI), 3104.

4-Bromo-α-naphthyl methyl ether (SHOESMITH and RUBLI), 3102.

$C_{11}H_9O_5Br$ 6-Bromo-3:4-dimethoxyhomophthalic anhydride (HAWORTH, KOEPFLI, and PERKIN), 551.

$C_{11}H_9O_6N_3$ Ethyl 2:4-dinitrophenylcyanoacetate, and its sodium salt (FAIRBOURNE and FAWSON), 47.

$C_{11}H_9NCl_2$ Dichloro-2:4-dimethylquinolines (ROBERTS and TURNER), 1846.

$C_{11}H_{10}ON_2$ 3-Keto-3:4:5:6-tetrahydro-4-carboline (MANSKE and ROBINSON), 242.

$C_{11}H_{10}O_2N_2$ 8-Nitro-2:4-dimethylquinoline (ROBERTS and TURNER), 1856.

$C_{11}H_{10}O_5N_2$ Diketosuccinic acid tolylhydrazones (CHATTAWAY and HUMPHREY), 2794.

$C_{11}H_{10}NCl$ Chloro-2:4-dimethylquinolines (ROBERTS and TURNER), 1845.

$C_{11}H_{10}NBr$ 4-Bromo-2-methyl-α-naphthylamine (SHOESMITH and RUBLI), 3103.

$C_{11}H_{10}N_2Cl_2$ Dichloroamino-2:4-dimethylquinolines (ROBERTS and TURNER), 1850.

$C_{11}H_{11}O_3Br$ 4-Bromo-6:7-dimethoxy-1-hydrindone (HAWORTH, KOEPFLI, and PERKIN), 550.

$C_{11}H_{11}O_4N$ 5:6-Dimethoxyindole-2-carboxylic acid (OXFORD and ROPER), 420.

$C_{11}H_{11}O_4Cl_3$ 5-Carboxy-2-ethoxy-1-$\beta\beta\beta$-trichloro-α-hydroxyethylbenzene (CHATTAWAY and PRATS), 689.

$C_{11}H_{11}O_4Br$ Methyl 6-bromomethylhomopiperonylate (STEVENS), 186.

$C_{11}H_{11}O_5Br$ 6-Bromo-3:4-dimethoxyhomophthalic acid (HAWORTH, KOEPFLI, and PERKIN), 551.

$C_{11}H_{11}N_2Cl$ Chloroamino-2:4-dimethylquinolines (ROBERTS and TURNER), 1848.

$C_{11}H_{13}ON$ γ-Benzyloxybutyronitrile (BENNETT and HOCK), 474.

$C_{11}H_{13}ON_3$ β-3-Indolylpropionhydrazide (MANSKE and ROBINSON), 241.

$C_{11}H_{13}O_4Br$ β-6-Bromoveratrylpropionic acid (HAWORTH, KOEPFLI, and PERKIN), 550.

$C_{11}H_{13}N_3S$ Benzaldehyde *S*-allylthiosemicarbazone, and its hydrochloride (BAIRD, BURNS, and WILSON), 2530.

$C_{11}H_{15}ON_3$ *meso*-1-Carbamyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 345.

$C_{11}H_{15}OCl$ Benzyl chlorobutyl ether (BENNETT and HOCK), 476.

$C_{11}H_{15}O_3N$ β-2:3-Dimethoxyphenylpropionamide (HAWORTH), 2282.

$C_{11}H_{15}O_4N$ Nitro-4-*n*-butoxyanisole (CLARKE, ROBINSON, and SMITH), 2649.

$C_{11}H_{15}O_5N_3$ Antiarolaldehyde semicarbazone (CHAPMAN, PERKIN, and ROBINSON), 3030.

Semicarbazone from substance $C_{10}H_{12}O_5$ (BHAGVAT and SIMONSEN), 86.

$C_{11}H_{15}N_3S$ Acetone δ-benzylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2530.

Benzaldehyde *S*-propylthiosemicarbazone, and its hydrochloride (BAIRD, BURNS, and WILSON), 2529.

$C_{11}H_{16}ON_4$ Methyl ethyl ketone δ-anilinosemicarbazone (BAIRD and WILSON), 2115.

$C_{11}H_{16}O_2N_2$ Trimethylnitro-β-phenylethylamines, salts of (GOSS, HANHART, and INGOLD), 257.

$C_{11}H_{16}O_3Br$ Methyl 5:5-dibromo-2:2:3-trimethyl*cyclo*hexan-4-one-1-carboxylate (BHAGVAT and SIMONSEN), 82.

$C_{11}H_{17}ON$ Methylephedrines, and their salts (SMITH), 2057.

$C_{11}H_{17}O_4N$ Methyl 5-oximino-2:2:3-trimethyl*cyclo*hexan-4-one-1-carboxylate (BHAGVAT and SIMONSEN), 87.

$C_{11}H_{18}O_4N_2$ Methyl 4-hydroxy-2:2:3-trimethyl-Δ^3-*cyclo*hexen-ζ-one-1-carboxylate dioxime (BHAGVAT and SIMONSEN), 82.

$C_{11}H_{21}ON_3$ δ-*d*-Bornylsemicarbazides, and their hydrochlorides (GOODSON), 1998.

$C_{11}H_{22}O_2N_2$ *n*-Nonanedicarboxyamide (BARNICOAT), 2928.

$C_{11}H_{23}N_3S$ Acetone δ-heptylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2533.

11 IV

$C_{11}H_5O_2NCl_6$ Anhydro-5-cyano-2-$\beta\beta\beta$-trichloro-α-hydroxyethoxy-1-$\beta\beta\beta$-trichloro α-hydroxyethylbenzene (CHATTAWAY and PRATS), 688.

$C_{11}H_7O_3NCl_6$ Amide of anhydro-5-carboxy-2-$\beta\beta\beta$-trichloro-α-hydroxyethoxy-1-$\beta\beta\beta$-trichloro-α-hydroxyethylbenzene (CHATTAWAY and PRATS), 689.

$C_{11}H_7O_8NS_2$ *ON*-Carbonyl-1:8-aminonaphthol-3:6-disulphonic acid, salts (BALABAN and KING), 3091.

$C_{11}H_8O_2N_2Cl_2$ Dichloronitro-2:4-dimethylquinoline (ROBERTS and TURNER), 1847.

$C_{11}H_8O_5Cl_6S$ Methyl anhydro-2-$\beta\beta\beta$-trichloro-α-hydroxyethyl-1-$\beta\beta\beta$-trichloro-α-hydroxyethylbenzene-5-sulphonate (CHATTAWAY and MORRIS), 2017.

$C_{11}H_8O_6N_2Cl$ Ethyl 2:4-dinitrochlorophenylcyanoacetate (FAIRBOURNE and FAWSON), 50.

$C_{11}H_8O_6N_2Br$ Ethyl 2:4-dinitrobromophenylcyanoacetate (FAIRBOURNE and FAWSON), 49.

$C_{11}H_8O_7N_2Br$ Ethyl-2:4-dinitrobromophenylhydroxycyanoacetate (FAIRBOURNE and FAWSON), 50.

$C_{11}H_9O_2N_2Cl$ Chloronitro-2:4-dimethylquinolines (ROBERTS and TURNER), 1848.

$C_{11}H_{10}O_2NCl$ γ-Chloro-α-cyanopropyl benzoate (CRAWFORD and KENYON), 400.

$C_{11}H_{10}O_4NBr$ 6-Bromo-2-carboxy-3:4-dimethoxyphenylacetonitrile (HAWORTH, KOEPFLI, and PERKIN), 551.

4-Bromo-2-*iso*nitroso-6:7-dimethoxy-1-hydrindone (HAWORTH, KOEPFLI, and PERKIN), 550.

$C_{11}H_{11}ONCl_2$ β-Dichloroanilinopropenyl methyl ketones (ROBERTS and TURNER), 1843.

$C_{11}H_{11}O_2NS$ Acetyl-4-ketotetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2750.

$C_{11}H_{11}O_3NS$ 4-Ketotetrahydro-1:5-heptabenzthiazine-2-acetic acids, and their salts (MILLS and WHITWORTH), 2743.

$C_{11}H_{11}O_4N_3Br_2$ 1:3-Dibromo-2:4-dinitro-5-piperidinobenzene (LE FÈVRE and TURNER), 1119.

$C_{11}H_{12}ONCl$ β-Chloroanilinopropenyl methyl ketones (ROBERTS and TURNER), 1842.

$C_{11}H_{12}O_2N_2Cl_2$ 4:5-Dichloro-1-nitro-2-piperidinobenzene (LE FÈVRE and TURNER), 1117.

n-Propyl glyoxylate 2:4-dichlorophenylhydrazone (CHATTAWAY and BENNETT), 2851.

$C_{11}H_{12}O_2N_2Br_2$ *n*-Propyl glyoxylate 2:4-dibromophenylhydrazone (CHATTAWAY and BENNETT), 2852.

$C_{11}H_{12}O_2NBr$ 4-Bromo-6:7-dimethoxy-1-hydrindone oxime (HAWORTH, KOEPFLI, and PERKIN), 550.

$C_{11}H_{12}O_4N_4S$ Penthian-4-one 2:4-dinitrophenylhydrazone (BENNETT and SCORAH), 199.

$C_{11}H_{12}NBrS$ 1-Methylbenzthiazole allobromide (HAMER), 2802.
$C_{11}H_{13}O_2NS$ *o*-Diacetylaminothioanisole (MILLS and WHITWORTH), 2752.
$C_{11}H_{13}O_2N_2Cl$ 2-Chloro-4-nitropiperidinobenzene (LE FÈVRE and TURNER), 1117.
$C_{11}H_{13}O_2N_2Br$ 4-Bromo-2-nitropiperidinobenzene (LE FÈVRE and TURNER), 1117.
$C_{11}H_{14}ON_2S$ 1-Dimethylamino-5-ethoxybenzthiazole (HUNTER and STYLES), 1212.
$C_{11}H_{15}O_2N_3S$ *S-o*-Carbethoxybenzylthiosemicarbazide, dihydrochloride of (BAIRD, BURNS, and WILSON), 2530.
$C_{11}H_{15}O_5N_2As$ 3-Nitro-4-piperidinophenylarsinic acid, and its salts (KING), 1053.
$C_{11}H_{16}ON_2S$ *s-p*-Ethoxyphenyldimethylthiocarbamide (HUNTER and STYLES), 1212.
$C_{11}H_{16}O_2NI$ Piperonylmethyltrimethylammonium iodide (MALAN and ROBINSON), 2655.
$C_{11}H_{17}O_2NS$ Benzylsulphondiethylamide (C. K. and E. H. INGOLD and SHAW), 819.
$C_{11}H_{17}O_3N_2As$ 3-Amino-4-piperidinophenylarsinic acid, and its salts (KING), 1053.

11 V

$C_{11}H_{14}ON_2Br_4S$ 1-Dimethylamino-5-ethoxybenzthiazole tetrabromide (HUNTER and STYLES), 1212.

C_{12} Group.

$C_{12}H_{20}$ 8ε-Dimethyl-αζ-diethylhexatriene (FARMER, LAROIA, SWITZ, and THORPE), 2958.

12 II

$C_{12}H_7Br_3$ 2:4:6-Tribromodiphenyl (BLAKEY and SCARBOROUGH), 3008.
$C_{12}H_8Cl_2$ 2:5-Dichlorodiphenyl (SCARBOROUGH and WATERS), 94.
$C_{12}H_8Br_2$ 2:5-Dibromodiphenyl (SCARBOROUGH and WATERS), 94.
Dibromodiphenyls (BLAKEY and SCARBOROUGH), 3007.
$C_{12}H_{10}O_2$ 3-Methoxy-α-naphthaldehyde (SHOESMITH and RUBLI), 3101.
$C_{12}H_{10}N_2$ Harman (MANSKE, PERKIN, and ROBINSON), 11.
$C_{12}H_{11}Br$ 4-Methyl-α-naphthylmethyl bromide (SHOESMITH and RUBLI), 3102.
$C_{12}H_{12}O_2$ Methoxy-α-naphthylcarbinols (SHOESMITH and RUBLI), 3102.
$C_{12}H_{12}N_2$ Harmalan (MANSKE, PERKIN, and ROBINSON), 11.
$C_{12}H_{14}O_5$ Ethyl 2-hydroxy-1:5-*iso*phthalate (CHATTAWAY and PRATS), 690.
Methyl 6-methoxymethylhomopiperonylate (STEVENS), 185.
$C_{12}H_{14}O_6$ 4:5-Dimethoxy-2:6-diacetylresorcinol (CHAPMAN, PERKIN, and ROBINSON), 3033.
$C_{12}H_{15}N$ *trans*-Hexahydrocarbazole, and its picrate (GURNEY, PERKIN, and PLANT), 2676.
$C_{12}H_{15}N_3$ 5-Keto-6-methyl-2:3:4:5-tetrahydropyridine 5-phenylhydrazone, and its hydrochloride (MANSKE, PERKIN, and ROBINSON), 9.
$C_{12}H_{16}O_4$ Ethyl β-*m*-methoxyphenoxypropionate (PERKIN, RÂY, and ROBINSON), 2097.
Ethyl phenylmalonate, nitration of (BAKER and INGOLD), 835.
$C_{12}H_{16}O_5$ 4-Acetoxy-2:2:3-trimethyl-Δ^3-*cyclo*hexen-5-one-1-carboxylic acid (BHAGVAT and SIMONSEN), 83.
$C_{12}H_{16}N_2$ Aminohexahydrocarbazoles (GURNEY and PLANT), 1317.
$C_{12}H_{17}N$ 4-Phenyl-1-methylpiperidine, and its salts (MILLS, PARKIN, and WARD), 2618.
$C_{12}H_{18}O_2$ β-Thujylideneacetic acid (HUGH and KON), 2597.
Acid, and its silver salt, from dehydration of ethyl thujolacetate (HUGH and KON), 2598.

$C_{12}H_{18}O_3$ 4-Methyl-5-*cyclo*hexane*spirocyclo*pentan-3-one-1-carboxylic acid (INGOLD and SEELEY), 1689.

$C_{12}H_{18}O_4$ *l*-4-Acetyl-2:2:3-trimethyl-Δ^3-*cyclo*hexene-1-carboxylic acid (BHAGVAT, SIMONSEN, and RAO), 88.

$C_{12}H_{18}O_6$ 1-Acetoxy-4:4:5-trimethyl*cyclo*pentane-1:3-dicarboxylic acid (BHAGVAT and SIMONSEN), 84.

γ-Mannonolactone-diacetone (GOODYEAR and HAWORTH), 3143.

$C_{12}H_{19}N$ β-Phenylethyldimethylethylamine, picrate of (HANHART and INGOLD), 1008.

$C_{12}H_{20}O_4$ Ethyl 2:3-dimethyl*cyclo*butane-1:4-dicarboxylate (VOGEL), 1992.

$C_{12}H_{20}N$ γ-Phenylpropyltrimethylamine, picrate of (INGOLD and WILSON), 810.

$C_{12}H_{20}Br_2$ $\epsilon\zeta$-Dibromo-$\delta\eta$-dimethyl-$\Delta\gamma\eta$-decadiene (FARMER, LAROIA, SWITZ, and THORPE), 2957.

$C_{12}H_{22}O_2$ 5-Acetyl-1:3:3:4:4-pentamethyl*cyclo*pentan-1-ol (VOGEL), 598.

$\delta\eta$-Dimethyl-$\Delta\gamma\eta$-decadiene-$\epsilon\zeta$-diol (FARMER, LAROIA, SWITZ, and THORPE), 2957.

$C_{12}H_{22}O_4$ Ethyl $\beta\beta'$-dimethyladipate (VOGEL), 1991.

Ethyl hydrogen *iso*heptylmalonate (KON and MAR), 1554.

$C_{12}H_{22}O_{11}$ Cellobiose, constitution of (HAWORTH, LONG, and PLANT), 2809.

Lactose, constitution of (HAWORTH and LONG), 544.

Maltose, constitution of (HAWORTH, LOACH, and LONG), 3146.

Melibiose, constitution of (CHARLTON, HAWORTH, and HICKINBOTTOM), 1527; (HAWORTH, LOACH, and LONG), 3146.

Sucrose, constitution of (HAWORTH, HIRST, and NICHOLSON), 1513; (AVERY, HAWORTH, and HIRST), 2308; vapour pressures of mixtures of methyl acetate, water, and (MCKEOWN and STOWELL), 97.

Turanose (LEITCH), 588.

$C_{12}H_{24}N_2$ Pinacolinazine (BAIRD and WILSON), 2116.

12 III

$C_{12}H_6O_8N_4$ Tetranitrodiphenyl (BLAKEY and SCARBOROUGH), 3006.

$C_{12}H_6Cl_4S_2$ 2:5-Dichlorophenyl trisulphide (BROOKER, CHILD, and SMILES), 1387.

$C_{12}H_6Br_4S_2$ 2:5-Dibromophenyl trisulphide (BROOKER, CHILD, and SMILES), 1387.

$C_{12}H_7OBr_3$ 3:5:4′-Tribromo-4-hydroxydiphenyl (BELL and ROBINSON), 1131.

$C_{12}H_7O_2N$ 1-Cyano-8-naphthoic acid (DAVIES and LEEPER), 1126.

$C_{12}H_7NBr_4$ Tetrabromo-3-aminodiphenyl (BLAKEY and SCARBOROUGH), 3005.

$C_{12}H_8OBr_2$ 3:4′-Dibromo-4-hydroxydiphenyl (BELL and ROBINSON), 1131.

$C_{12}H_8O_6N_4$ 2′:3:4′-Trinitro-4-aminodiphenyl (LE FÈVRE, MOIR, and TURNER), 2337.

$C_{12}H_8NCl_3$ 2′:4:4′-Trichloro-3-aminodiphenyl (BLAKEY and SCARBOROUGH), 3004.

$C_{12}H_8NBr_3$ 2:4:6-Tribromo-3-aminodiphenyl (BLAKEY and SCARBOROUGH), 3008.

$C_{12}H_9OBr$ Bromo-4-hydroxydiphenyls (BELL and ROBINSON), 1131.

$C_{12}H_9O_2Cl$ 3-Methoxy-α-naphthoyl chloride (SHOESMITH and RUBLI), 3101.

$C_{12}H_9O_4N_3$ Dinitro-2-aminodiphenyl (SCARBOROUGH and WATERS), 96.

$C_{12}H_9O_6N_5$ 2:3:5′-Trinitrobenzidine (LE FÈVRE, MOIR, and TURNER), 2338.

$C_{12}H_9NCl_2$ 3:5-Dichloro-2-aminodiphenyl, and its hydrochloride (SCARBOROUGH and WATERS), 92.

$C_{12}H_9NBr_2$ 3:5-Dibromo-2-aminodiphenyl (SCARBOROUGH and WATERS), 95.

$C_{12}H_{10}O_2N_2$ 4′-Nitro-2-aminodiphenyl (SCARBOROUGH and WATERS), 96.

Nitro-3-aminodiphenyls (BLAKEY and SCARBOROUGH), 3008.

γ-Phthalimidobutyronitrile, preparation of (MANSKE, PERKIN, and ROBINSON), 6.

$C_{12}H_{10}NCl$ Chloro-3-aminodiphenyls (BLAKEY and SCARBOROUGH), 3008.

$C_{12}H_{10}NBr$ 5-Bromo-2-aminodiphenyl, and its hydrochloride (SCARBOROUGH and WATERS), 94.

Bromo-3-aminodiphenyls (BLAKEY and SCARBOROUGH), 3005.

$C_{12}H_{10}Cl_2Si$ Diphenylsilicon dichloride, preparation of (KIPPING and MURRAY), 2734.

$C_{12}H_{11}OBr$ Methoxy-α-naphthylmethyl bromides (SHOESMITH and RUBLI), 3101.

$C_{12}H_{11}O_2N$ Methoxy-1-naphthaldoximes (BRADY and GOLDSTEIN), 1962.

$C_{12}H_{11}O_4N$ Methyl 3-hydroxyindole-2-carboxylate (ROBERTSON), 1939.

$C_{12}H_{11}O_4N_3$ 1-Phenyl-4-acetylamino-5-ketopyrazoline-3-carboxylic acid (CHATTAWAY and HUMPHREY), 2136.

$C_{12}H_{11}O_6N$ Methyl nitrobenzylidenemalonates (BAKER and ECCLES), 2126.

$C_{12}H_{13}O_2N$ Methyl β-3-indolylpropionate (MANSKE and ROBINSON), 241.

$C_{12}H_{12}O_2N_2$ 1-Nitroanilino-1-cyano*cyclo*pentanes (OAKESHOTT and PLANT), 491.

$C_{12}H_{13}O_3N$ 1-Acetyl-5:6-dimethoxyindole (OXFORD and RAPER), 421.

$C_{12}H_{13}O_6N$ Methyl nitrobenzylmalonates (BAKER and ECCLES), 2127.

$C_{12}H_{14}O_2N_2$ Nitrohexahydrocarbazoles (GURNEY and PLANT), 1317.

$C_{12}H_{14}O_4N_2$ 1-Nitroanilino*cyclo*pentane-1-carboxylic acids (OAKESHOTT and PLANT), 492.

$C_{12}H_{14}NBr$ 6-Bromohexahydrocarbazole, and its hydrobromide (GURNEY and PLANT), 1321.

$C_{12}H_{14}N_3Cl$ 5-Keto-6-methyl-2:3:4:5-tetrahydropyridine 5-*m*-chlorophenylhydrazone, and its hydrochloride (MANSKE, PERKIN, and ROBINSON), 10.

$C_{12}H_{15}O_3N_3$ 1-Nitroanilino*cyclo*pentane-1-carboxyamides (OAKESHOTT and PLANT), 491.

$C_{12}H_{16}O_4N_2$ 8-Nitro-5:6-dimethoxy-2-methyl-1:2:3:4-tetrahydro*iso*quinoline (HAWORTH), 2284.

$C_{12}H_{17}O_2N$ 5:6-Dimethoxy-2-methyl-1:2:3:4-tetrahydro*iso*quinoline, and its salts (HAWORTH), 2283.

$C_{12}H_{17}O_3N_3$ Propylvanillin semicarbazones (DICKINSON, HEILBRON, and IRVING), 1895.

$C_{12}H_{17}O_4N$ Methyl ethyl β-cyano-Δ$^{\delta}$-hexene-βζ-dicarboxylate (FARMER and HEALEY), 1065.

$C_{12}H_{17}N_3S$ Acetone δ-α-phenylethylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2532.

Benzaldehyde *S*-butylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2530.

$C_{12}H_{19}O_2N_3$ Nitrophenylpropyltrimethylamines, picrates of (INGOLD and WILSON), 811.

$C_{12}H_{20}NI$ β-Phenylethyldimethylethylammonium iodide (HANHART and INGOLD), 1007.

$C_{12}H_{24}O_2N_2$ *n*-Decanedicarboxyamide (BARNICOAT), 2928.

12 IV

$C_{12}H_3ONCl_6$ Hexachlorobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2858.

$C_{12}H_4ONCl_5$ 2:6:2′:4′:6′-Pentachlorobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2858.

$C_{12}H_4ONCl_7$ Heptachloro-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2859.

$C_{12}H_4ONBr_5$ Pentabromobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2861.

$C_{12}H_5ONCl_4$ 2:6:2′:4′-Tetrachlorobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2857.

$C_{12}H_5ONCl_6$ Hexachlorohydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2858.

$C_{12}H_5O_2NCl_4$ Tetrachloro-3-nitrodiphenyl (BLAKEY and SCARBOROUGH), 3004.
$C_{12}H_6ONCl_3$ 2:2′:4′-Trichlorobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2857.
$C_{12}H_5ONCl_5$ 2:6:2′:4′:6′-Pentachloro-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2858.
$C_{12}H_6ONBr_5$ Pentabromo-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2861.
$C_{12}H_6O_2NCl_3$ Trichloro-3-nitrodiphenyl (BLAKEY and SCARBOROUGH), 3004.
$C_{12}H_6O_5N_2Cl_2$ Dinitro-4:4′-dichlorodiphenyl ether (LE FÈVRE, SAUNDERS, and TURNER), 1172.
$C_{12}H_6O_5N_2Br_2$ Dibromodinitrodiphenyl ethers (LE FÈVRE, SAUNDERS, and TURNER), 1171.
$C_{12}H_6O_5N_2Te$ Dinitrophenoxtellurines (DREW and THOMASON), 122.
$C_{12}H_7ONCl_2$ 2′:4′-Dichloro-3-nitrodiphenyl (BLAKEY and SCARBOROUGH), 3004.
$C_{12}H_7O_3NBr_2$ 3:4′-Dibromo-5-nitro-4-hydroxydiphenyl (BELL and ROBINSON), 1131.
Nitro-4:4′-dibromodiphenyl ether (LE FÈVRE, SAUNDERS, and TURNER), 1172.
$C_{12}H_7O_3NTe$ Nitrophenoxtellurines (DREW and THOMASON), 121.
$C_{12}H_7O_4N_2Br$ 4-Bromo-3:4′-dinitrodiphenyl (LE FÈVRE, MOIR, and TURNER), 2336.
$C_{12}H_7O_5N_2Br$ 5-Bromo-3:4′-dinitro-4-hydroxydiphenyl (BELL and ROBINSON), 1133.
$C_{12}H_8ONCl$ 4′-Chlorobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2856.
$C_{12}H_8ONCl_3$ 2:2′:4′-Trichloro-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.
$O_{12}H_8ONBr$ 4′-Bromobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2860.
$C_{12}H_8O_2NCl$ 4′-Chloro-3-nitrodiphenyl (BLAKEY and SCARBOROUGH), 3003.
$C_{12}H_8O_2NBr$ 4′-Bromo-3-nitrodiphenyl (BLAKEY and SCARBOROUGH), 3004.
Bromonitrodiphenyls (SCARBOROUGH and WATERS), 96, 1138.
$C_{12}H_8O_3N_2Br_2$ 5:4′-Dibromo-3-nitro-4-aminodiphenyl (SCARBOROUGH and WATERS), 1138.
$C_{12}H_8O_3NBr$ 4-Bromo-4′-nitrodiphenyl ether (LE FÈVRE, SAUNDERS, and TURNER), 1171.
Bromonitro-4-hydroxydiphenyls (BELL and ROBINSON), 1132.
$C_{12}H_9ONTe$ 2-Aminophenoxtellurine (DREW and THOMASON), 124.
$C_{12}H_9O_3N_2Cl$ 4′-Chloro-3-nitro-4-aminodiphenyl (SCARBOROUGH and WATERS), 1138.
$C_{12}H_9O_3N_2Br$ 4-Bromo-4′-nitro-3-aminodiphenyl (BLAKEY and SCARBOROUGH), 3009.
Bromonitro-4-aminodiphenyls (SCARBOROUGH and WATERS), 1138.
$C_{12}H_9O_4N_2As$ Nitrophenarsazinic acid (GIBSON and JOHNSON), 2514.
$C_{12}H_{10}ONCl$ 4-Chloro-4′-aminodiphenyl ether (LE FÈVRE, SAUNDERS, and TURNER), 1172.
4′-Chloro-4-hydroxydiphenylamine, and its toluenesulphonate (BRADFIELD, COOPER, and ORTON), 2856.
$C_{12}H_{10}ONBr$ 4′-Bromo-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2860.
$C_{12}H_{10}ON_2Te$ Diaminophenoxtellurines (DREW and THOMASON), 124.
$C_{12}H_{10}O_5Cl_6S$ Ethyl anhydro-2-$\beta\beta\beta$-trichloro-α-hydroxyethoxy-1-$\beta\beta\beta$-trichloro-α-hydroxyethylbenzene-5-sulphonate (CHATTAWAY and MORRIS), 2017.
$C_{12}H_{11}O_3N_2S$ Ethyl penthian-4-one-3-carboxylate *p*-nitrophenylpyrazolone (BENNETT and SCORAH), 198.
$C_{12}H_{11}O_5N_2As$ Nitrodiphenylamine-6′-arsinic acids (GIBSON and JOHNSON), 2513.

$C_{12}H_{11}O_6N_2Cl$ Nitrobenzylpyridinium perchlorates (POLLARD and ROBINSON), 2778.

$C_{12}H_{12}ON_2S$ Ethyl penthian-4-one-3-carboxylate phenylpyrazolone (BENNETT and SCORAH), 198.

$C_{12}H_{13}O_3NAs$ Diphenylamine-*o*-arsinic acid (GIBSON and JOHNSON), 2507.

$C_{12}H_{13}O_2NS$ Acetyl-4-keto-2-methyltetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2749.

$C_{12}H_{14}O_2NCl$ 1-Chloroanilino*cyclo*pentane-1-carboxylic acids (OAKESHOTT and PLANT), 490.

$C_{12}H_{14}O_2NBr$ 1-Bromoanilino*cyclo*pentane-1-carboxylic acids (OAKESHOTT and PLANT), 490.

$C_{12}H_{14}O_2N_2Cl_2$ *n*-Butyl glyoxylate 2:4-dichlorophenylhydrazone (CHATTAWAY and BENNETT), 2851.

$C_{12}H_{15}ON_2Cl$ 1-Chloroanilino*cyclo*pentane-1-carboxyamides (OAKESHOTT and PLANT), 490.

$C_{12}H_{16}O_2NI$ 5:6-Dimethoxy-3:4-dihydro*iso*quinoline methiodide (HAWORTH), 2283.

$C_{12}H_{20}ONI$ *l*-Methylephedrine methiodide (SMITH), 2057.

12 V

$C_{12}H_4ONCl_2Br_3$ Dichlorotribromobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2862.

$C_{12}H_4ONCl_3Br_2$ Trichlorodibromobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2863.

$C_{12}H_4ONCl_3Br_4$ Trichlorotetrabromo-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2864.

$C_{12}H_6ONCl_2Br_3$ Dichlorotribromo-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.

$C_{12}H_6ONCl_3Br_2$ Trichlorodibromo-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.

$C_{12}H_7ONCl_3Br$ Trichlorobromo-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2863.

$C_{12}H_7O_4NCl_2S_2$ 2:5-Dichlorophenyl 2-nitrophenyl disulphide (BROOKER, CHILD, and SMILES), 1387.

$C_{12}H_7O_4NBr_2S_2$ 2:5-Dibromophenyl 2-nitrophenyl disulphide (BROOKER, CHILD, and SMILES), 1387.

$C_{12}H_8O_2N_2ClAs$ Chloronitrodihydrophenarsazines (GIBSON and JOHNSON), 2514.

$C_{12}H_8O_2N_2BrAs$ Bromonitro-5:10-dihydrophenarsazine (GIBSON and JOHNSON), 2514.

$C_{13}H_8O_4NClS_2$ 4-Chlorobenzenesulphonyl 2-nitrophenyl disulphide (BROOKER, CHILD, and SMILES), 1386.

$C_{12}H_9O_2N_2Cl_2As$ 2-Nitrodiphenylamine-6′-dichloroarsine (GIBSON and JOHNSON), 2513.

$C_{12}H_{11}ON_2BrS$ Ethyl penthian-4-one-3-carboxylate *p*-bromophenylpyrazolone (BENNETT and SCORAH), 198.

$C_{12}H_{17}O_2NBrI$ Trimethyl-6-bromo-β-piperonylethylammonium iodide (STEVENS), 184.

C_{13} Group.

$C_{13}H_{14}O_4$ 4-Methyl-5-*cyclo*hexane*spiro*-(0:1:2)-*dicyclo*pentan-3-one-1:2-dicarboxylic anhydride (INGOLD and SEELEY), 1688.

$C_{13}H_{16}O_3$ 3-Methoxy-4-ethoxystyryl methyl ketone (DICKINSON, HEILBRON, and IRVING), 1894.

$C_{13}H_{16}O_5$ 4-Methyl-5-*cyclo*hexane*spiro*-(0:1:2)-*dicyclo*pentan-3-one-1:2-dicarboxylic acid (INGOLD and SEELEY), 1688.

$C_{13}H_{18}O_3$ Ethyl benzyloxybutyrate (BENNETT and HOCK), 475,

$C_{13}H_{19}N$ 1-β-Phenylethylpiperidine, and its picrate (POLLARD and ROBINSON), 2779.

4-Phenyl-1-ethylpiperidine, and its hydrochloride (MILLS, PARKIN, and WARD), 2618.

$C_{13}H_{20}O$ 2-*iso*Propylidene-β-thujone (HUGH and KON), 2599.

$C_{13}H_{20}O_2$ *cyclo*Hexane*spiro*-2-ethyl*cyclo*hexane-3:5-dione (KON and NARAYANAN), 1542.

$C_{13}H_{20}O_5$ Ethyl 3:3-dimethyl*cyclo*pentan-2-one-1:4-dicarboxylate (GIBSON, HARIHARAN, and SIMONSEN), 3012.

$C_{13}H_{22}O_2$ Ethyl dehydroundecenoate, and its metallic derivatives (MYDDLETON and BERCHEM), 1928.

13 III

$C_{13}H_8OS_2$ 1:3-Benzdithiole-2-*p*-benzoquinone, and its hydrochloride (HURTLEY and SMILES), 536.

$C_{13}H_8O_2Cl_2$ 3:5-Dichloro-4-hydroxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2868.

$C_{13}H_8O_2I_2$ 3:5-Di-iodo-4-hydroxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2870.

$C_{13}H_8O_5N_2$ Dinitro-4-hydroxybenzophenones (BLAKEY, JONES, and SCARBOROUGH), 2871.

$C_{13}H_9O_2I$ 3-Iodo-4-hydroxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2870.

$C_{13}H_9NSe$ Phenylbenzselenazole, and its chloroplatinate (CLARK), 2807.

$C_{13}H_{10}OS_2$ 2-*p*-Hydroxyphenyl-1:3-benzdithiole, and its nitrate (HURTLEY and SMILES), 536.

$C_{13}H_{10}O_4Cl_6$ Ethyl ester of anhydro-5-carboxy-2-$\beta\beta\beta$-trichloro-α-hydroxyethoxy-1-$\beta\beta\beta$-trichloro-α-hydroxyethylbenzene (CHATTAWAY and PRATS), 689.

$C_{13}H_{10}O_5N_4$ 3-Nitro-4-hydroxybenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 2380.

$C_{13}H_{10}O_6Cl_2$ $\omega\omega$-Dichloro-5-carboxy-2-acetoxyacetophenone (CHATTAWAY and PRATS), 691.

$C_{13}H_{11}OAs$ 10-Methylphenoxarsine (AESCHLIMANN), 414.

$C_{13}H_{11}O_3N_3$ 3-Nitro-4-nitrosomethylaminodiphenyl (BELL and ROBINSON), 1130.

$C_{13}H_{11}O_4N_3$ 2:5-Dihydroxybenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 2340.

$C_{13}H_{11}O_4N_5$ 3-Nitro-4-aminobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 23.

$C_{13}H_{11}O_7N_5$ 3:5-Diketo-2-*p*-nitrophenyltetrahydro-1:2:4-triazine-6-carboxylic acid urethane (WHITELEY and YAPP), 527.

$C_{13}H_{12}ON_2$ Harmine (MANSKE, PERKIN, and ROBINSON), 1.

$C_{13}H_{12}O_2N_2$ 3-Benzeneazo-2:6-dimethylpyrone (MULLEN and CROWE), 1753.

$C_{13}H_{12}O_4N_2$ 5-Methoxysalicylaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 2340.

$C_{13}H_{12}O_5N_4$ 3:5-Diketo-2-phenyltetrahydro-1:2:4-triazine-6-carboxylic acid urethane (WHITELEY and YAPP), 526.

$C_{13}H_{13}N_2S$ 2-Dimethylamino-β-naphthathiazole (HUNTER and STYLES), 1213.

$C_{13}H_{13}NAs$ 10-Methyl-5:10-dihydrophenarsazine (AESCHLIMANN), 416.

$C_{13}H_{13}O_2N$ Methylmethoxy-1-naphthaldoximes (BRADY and GOLDSTEIN), 1963.

$C_{13}H_{13}O_3As$ 10-Methylphenoxarsine dihydroxide (AESCHLIMANN), 414.

$C_{13}H_{13}O_6N_3$ Ethyl 2:4-dinitrophenylethylcyanoacetate, and its silver salt (FAIRBOURNE and FAWSON), 48.

$C_{13}H_{14}ON_2$ Harmaline (MANSKE, PERKIN, and ROBINSON), 1.

$C_{13}H_{14}O_2N_2$ Nitro-β-naphthyltrimethylamine, salts of (INGHAM), 1974.

$C_{13}H_{14}O_3N_2$ 10-Nitro-ψ-indoxyl*spirocyclo*hexane (BETTS, MUSPRATT, and PLANT), 1313.

$C_{13}H_{14}O_5N_2$ Ethyl hydrogen diketosuccinate tolylhydrazones (CHATTAWAY and HUMPHREY), 2794.

$C_{13}H_{14}O_7N_2$ 3-Nitro-4-acetamidobenzylidene diacetate (HODGSON and BEARD), 22.

$C_{13}H_{14}NI$ Lepidine alliodide (HAMER), 2802.

$C_{13}H_{14}N_2S$ *s*-α-Naphthyldimethylthiocarbamide (HUNTER and STYLES), 1213.

$C_{13}H_{15}ON$ ψ-Indoxyl*spirocyclo*hexane, and its sodium salt (BETTS, MUSPRATT, and PLANT), 1313.

*cyclo*Pentenylacetanilide (KON and NARAYANAN), 1547.

*cyclo*Pentylideneacetanilide (KON and NARAYANAN), 1547.

$C_{13}H_{15}O_4N$ 1-Carboxyanilino*cyclo*pentane-1-carboxylic acids (OAKESHOTT and PLANT), 493.

$C_{13}H_{15}O_5N$ Ethyl *p*-nitrobenzylacetoacetate (BURGESS), 2019.

$C_{13}H_{15}O_5Br$ 2-Bromo-4-methyl-5-*cyclo*hexane*spiro*-(0:1:2)*dicyclo*pentan-3-one-1:2-dicarboxylic acid (INGOLD and SEELEY), 1689.

$C_{13}H_{16}O_2N_2$ 5-Nitro-9-methylhexahydrocarbazole (GURNEY and PLANT), 1318.

$C_{13}H_{16}O_3N_2$ 1-Carboxyanilino*cyclo*pentane-1-carboxyamides (OAKESHOTT and PLANT), 492.

$C_{13}H_{17}O_2N$ 1-Anilino*cyclo*hexane-1-carboxylic acid (BETTS, MUSPRATT, and PLANT), 1312.

1-Toluidino*cyclo*pentane-1-carboxylic acids (OAKESHOTT and PLANT), 486.

Substance, from salicylaldehyde and β-hydroxylamino-βγ-dimethyl-Δγ-butene (EARL and KENNER), 2142.

$C_{13}H_{17}O_3N$ 1-*p*-Anisidino*cyclo*pentane-1-carboxylic acid (OAKESHOTT and PLANT), 488.

$C_{13}H_{17}O_3N_3$ 3:4-Dimethoxystyryl methyl ketone semicarbazone (DICKINSON, HEILBRON, and IRVING), 1892.

$C_{13}H_{18}ON_2$ 1-Anilino*cyclo*hexane-1-carboxylamide (BETTS, MUSPRATT, and PLANT), 1311.

$C_{13}H_{19}O_4N$ Methyl ethyl β-cyano-γ-methyl-Δδ-hexene-βζ-dicarboxylate (FARMER and HEALEY), 1065.

$C_{13}H_{20}NI$ Benzylmethylpiperidinium iodide (POLLARD and ROBINSON), 2776.

$C_{13}H_{21}O_3N_3$ 4-Methyl-5-*cyclo*hexane*spirocyclo*pentan-3-one-1-carboxylic acid semicarbazone (INGOLD and SEELEY), 1689.

$C_{13}H_{22}O_4N_6$ Methyl 4-hydroxy-2:2:3-trimethyl-Δ³-*cyclo*hexen-5-one-1-carboxylate disemicarbazone (BHAGVAT and SIMONSEN), 83.

$C_{13}H_{25}O_2N_3$ 5-Acetyl-1:3:3:4:4-pentamethyl*cyclo*pentan-1-ol semicarbazones (VOGEL), 598.

13 IV

$C_{13}H_6ON_3Cl_3$ *cycloazi*-2:4:6-Trichlorophenylbenztriazone (CHATTAWAY and WALKER), 329.

$C_{13}H_7ON_3Cl_2$ *cycloazi*-2:4-Dichlorophenylbenztriazone (CHATTAWAY and WALKER), 328.

$C_{13}H_7ON_3Br_2$ 2:4-Dibromophenylbenztriazones (CHATTAWAY and WALKER), 329.

$C_{13}H_8ONCl_3$ 2:4:6-Trichlorobenzanilide (CHAPMAN), 1749.

$C_{13}H_8ON_3Br$ *p*-Bromophenylbenztriazones (CHATTAWAY and WALKER), 328.

$C_{13}H_8O_4N_2Cl_2$ 4:4′-Dichloro-3:3′-dinitrodiphenylmethane (LE FÈVRE and TURNER), 1120.

$C_{13}H_8O_7N_5Br$ 2:4:6-Trinitro-3-hydroxybenzaldehyde *p*-bromophenylhydrazone (HODGSON and BEARD), 2379.

$C_{13}H_8O_8N_6S$ *s*-Bis-3:5-dinitrophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 444.

$C_{13}H_8N_2Br_4S$ *s*-Di-2:5-dibromophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 443.

$C_{13}H_9ONCl_2$ *o*-Hydroxybenzylidenedichloroanilines (ROBERTS and TURNER), 1843.

$C_{13}H_9O_3N_3Cl_2$ 3:4-Dichlorobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 25.

2:4-Dichlorodiazoaminobenzene-2′-carboxylic acid (CHATTAWAY and WALKER), 333.

$C_{13}H_9O_2N_3Br_2$ 3:4-Dibromobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 26.

2:4-Dibromodiazoaminobenzene-2′-carboxylic acid (CHATTAWAY and WALKER), 332.

$C_{13}H_9O_2N_3I_2$ 3:4-Di-iodobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 27.

$C_{13}H_9O_3N_3Br_2$ *β-o*-Nitrobenzoyl-2:4-dibromophenylhydrazine (CHATTAWAY and WALKER), 331.

$C_{13}H_9O_5N_4Br$ Dinitrohydroxybenzaldehyde *p*-bromophenylhydrazones (HODGSON and BEARD), 2379.

$C_{13}H_9O_4N_4Cl$ 4-Chloro-3-nitrobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 24.

$C_{13}H_9O_4N_4Br$ 4-Bromo-3-nitrobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 24.

$C_{13}H_9O_4N_4I$ 4-Iodo-3-nitrobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 25.

$C_{13}H_{10}ONCl$ *o*-Hydroxybenzylidene-3-chloroaniline (ROBERTS and TURNER), 1843.

$C_{13}H_{10}ONAs$ 9-Methylcarbazole-3-arsenious oxide (BURTON and GIBSON), 2387.

$C_{13}H_{10}O_3Cl_2S_2$ 4-Toluenesulphonyl-2:5-dichlorophenyl disulphide (BROOKER, CHILD, and SMILES), 1386.

$C_{13}H_{10}O_3N_2Cl$ Chlorohydroxybenzaldehyde *p*-nitrophenylhydrazones (HODGSON and JENKINSON), 1741.

$C_{13}H_{10}O_3N_2Br$ Bromohydroxybenzaldehyde *p*-nitrophenylhydrazones (HODGSON and JENKINSON), 3041.

3-Nitro-4-hydroxybenzaldehyde *p*-bromophenylhydrazone (HODGSON and BEARD), 2380.

$C_{13}H_{10}O_3N_2I$ Iodohydroxybenzaldehyde *p*-nitrophenylhydrazones (HODGSON and JENKINSON), 3043.

$C_{13}H_{10}O_4N_2S$ *m*-Nitrophenylnitrobenzylsulphones (CHATTERJEE and ROBINSON), 2782.

$C_{13}H_{10}NCl_2As$ 9-Methylcarbazole-3-arsenious chloride (BURTON and GIBSON), 2387.

$C_{13}H_{10}N_2Br_2S$ *s*-Di-*o*-bromophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 443.

$C_{13}H_{11}ON_2Br_2$ *o*-Aminobenzoyl-2:4-dibromophenylhydrazine (CHATTAWAY and WALKER), 330.

$C_{13}H_{11}O_4NS$ *m*-Nitrophenylbenzylsulphone (CHATTERJEE and ROBINSON), 2782.

$C_{13}H_{11}O_4NS_2$ 4-Toluenesulphonyl 2-nitrophenyl disulphide (BROOKER, CHILD, and SMILES), 1386.

$C_{13}H_{11}NClAs$ 10-Chloro-4-methyl-5:10-dihydrophenarsazine (GIBSON and JOHNSON), 2510.

$C_{13}H_{11}NBrAs$ 10-Bromomethyl-5:10-dihydrophenarsazines (GIBSON and JOHNSON), 2509.

$C_{13}H_{12}ONBr$ Aceto-4-bromo-2-methyl-α-naphthalide (SHOESMITH and RUBLI), 3103.

$C_{13}H_{12}O_2NAs$ Methylphenarsazinic acids, and their salts (GIBSON and JOHNSON), 2509.

$C_{13}H_{12}O_3NAs$ 9-Methylcarbazole-3-arsinic acid (BURTON and GIBSON), 2386.
$C_{13}H_{12}O_4N_2S$ *p*-Toluenesulphon-2-nitroanilide (BELL and ROBINSON), 1129.
$C_{13}H_{12}O_5NAs$ Carboxydiphenylamine-6′-arsinic acids (BURTON and GIBSON), 248.
$C_{13}H_{12}O_{13}N_4As_2$ *s*-Carbamido-5-nitro-4-amino-2-hydroxyphenylarsinic acid, and its salts (KING), 1056.
$C_{13}H_{12}N_2Br_4S$ 2-Dimethylamino-β-naphthathiazole tetrabromide (HUNTER and STYLES), 1213.
$C_{13}H_{14}O_3NAs$ Methyldiphenylaminearsinic acids (GIBSON and JOHNSON), 2508.
$C_{13}H_{14}O_9N_2As_2$ *s*-Carbamido-4-amino-2-hydroxyphenylarsinic acid (KING), 1055.
$C_{13}H_{15}ONS$ 3-Keto-2-benzyl-2:3-dihydro-1:4-benzthiazine (MILLS and WHITWORTH), 2748.
$C_{13}H_{15}O_3NS$ Ethyl 3-keto-2:3-dihydro-1:4-benzthiazine-2-propionate (MILLS and WHITWORTH), 2745.
Ethyl 4-ketotetrahydro-1:5-heptabenzthiazine-2-acetates (MILLS and WHITWORTH), 2743.
$C_{13}H_{16}O_9N_4As_2$ *s*-4-Carbamido-4:5-diamino-2-hydroxyphenylarsinic acid (KING), 1056.
$C_{13}H_{18}O_2N_2S$ Nitrophenyl β-piperidinoethyl sulphides (BENNETT and BERRY), 1680.
$C_{13}H_{19}O_5N_2S$ 1-*o*-Anisidino*cyclo*pentane-1-carboxyamide-5′-sulphonic acid, sodium salt (OAKESHOTT and PLANT), 488.
$C_{13}H_{19}O_2N_2I$ Nitrobenzylmethylpiperidinium iodides (POLLARD and ROBINSON), 2777.
$C_{13}H_{19}O_4N_2As$ 3-Acetamido-4-piperidinophenylarsinic acid (KING), 1053.

13 V

$C_{13}H_9O_2NClAs$ 10-Chloro-5:10-dihydrophenarsazinecarboxylic acids (BURTON and GIBSON), 249.
$C_{13}H_9O_2N_2ClBr$ Chlorobromobenzaldehyde *p*-nitrophenylhydrazones (HODGSON and BEARD), 25.
$C_{13}H_9O_2N_2ClI$ Chloroiodobenzaldehyde *p*-nitrophenylhydrazones (HODGSON and BEARD), 26.
$C_{13}H_9O_2N_2BrI$ Bromoiodobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 26.
$C_{13}H_{10}O_4NClS_2$ 4-Toluenesulphonyl 4-chloro-2-nitrophenyl disulphide (BROOKER, CHILD, and SMILES), 1386.

13 VII

$C_{13}H_{25}O_4N_2Cl_4BrSPt$ Tetrachloro (triaminopropane-α-bromocamphor-π-sulphonate) platinum (MANN), 1231.

C_{14} Group.

$C_{14}H_{10}$ Phenanthrene, synthesis of (KENNER and WILSON), 1103.

14 II

$C_{14}H_8O_4$ Quinizarin, structure of (GREEN), 2384.
$C_{14}H_{10}O_2$ Benzil, surface tension and density of (GARNER and SUGDEN), 2882.
Dihydroxyanthracenes (GREEN), 555.
$C_{14}H_{10}O_5$ *o*-Benzoylphloroglucinaldehyde (ROBERTSON and ROBINSON), 1713.
Di-*p*-carboxydiphenyl ether, and its silver salt (REILLY, DRUMM, and BARRETT), 70.
1:3-Dihydroxy-7-methoxyxanthone (SHINODA), 1985.
$C_{14}H_{12}O_3$ 1-Methoxydiphenyl-1′-carboxylic acid (RULE and BRETSCHER), 926.
4-Methoxyphenyl benzoate (IRVINE and SMITH), 75.
$C_{14}H_{12}Br_2$ 2:2′-Dibromodibenzyl (KENNER and WILSON), 1111.
$C_{14}H_{14}O$ Di-*p*-tolyl ether (REILLY, DRUMM, and BARRETT), 67.
$C_{14}H_{14}O_2$ *iso*Hydrobenzoins (READ and STEELE), 917.

$C_{14}H_{14}Se$ Di-*o*-tolyl selenide (PORRITT), 29.

$C_{14}H_{16}Si$ Diphenyldimethylsilicane (KIPPING), 107.

$C_{14}H_{18}O_3$ 3-Methoxy-4-propoxystyryl methyl ketones (DICKINSON, HEILBRON, and IRVING), 1895.

$C_{14}H_{18}O_{10}$ Tetra-acetyl γ-mannolactone (GOODYEAR and HAWORTH), 3144.

$C_{14}H_{21}N$ 1-γ-Phenylpropylpiperidine, and its picrate (POLLARD and ROBINSON), 2780.

4-Phenyl-1-*n*-propylpiperidine, and its hydrochloride (MILLS, PARKIN, and WARD), 2619.

$C_{14}H_{24}O_4$ *dl-iso*Menthyl hydrogen succinate (READ, ROBERTSON, and COOK), 1233.

14 III

$C_{14}H_5O_9N_3$ Trinitrofluorenone-4-carboxylic acid (BELL and ROBINSON), 2238.

$C_{14}H_6O_7N_2$ 4:4′-Dinitrodiphenic anhydride (BELL and ROBINSON), 1697.

$C_{14}H_6O_{10}N_4$ 3:5:3′:5′-Tetranitrobenzil (CHATTAWAY and COULSON), 578.

$C_{14}H_7O_5N$ Nitrodiphenic anhydrides (BELL and ROBINSON), 1697, 2236.

Nitrofluorenone-4-carboxylic acid (BELL and ROBINSON), 2238.

$C_{14}H_8ON_4$ *p*-Azoxybenzonitrile (NISBET), 2084.

$C_{14}H_8O_3S$ Thionyldihydroxyanthracenes (GREEN), 557, 2344.

$C_{14}H_9O_3Cl$ 4-Chloro-1:9-dihydroxyanthracene (GREEN), 2343.

$C_{14}H_9O_3Cl$ Chlorohydroxybenzaldehyde benzoates (HODGSON and JENKINSON), 1741.

$C_{14}H_9O_3Br$ 4-Bromo-2-hydroxybenzaldehyde benzoate (HODGSON and JENKINSON), 3041.

$C_{14}H_9O_3I$ Iodohydroxybenzaldehyde benzoates (HODGSON and JENKINSON), 3043.

$C_{14}H_9O_6N_3$ Dinitrobenzylidenephenylnitromethane (BAKER and WILSON), 847.

2:4:4′-Trinitrostilbene (NISBET), 2082.

$C_{14}H_9O_9N_3$ Trinitro-4-methoxybenzophenones (BLAKEY, JONES, and SCARBOROUGH), 2872.

$C_{14}H_{10}O_2Cl_2$ 3:5-Dichloro-4-methoxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2867.

$C_{14}H_{10}O_4N_2$ *p*-Nitrobenzylidenephenylnitromethane (BAKER and WILSON), 844.

$C_{14}H_{10}O_6N_2$ Dinitro-4-methoxybenzophenones (BLAKEY, JONES, and SCARBOROUGH), 2871.

$C_{14}H_{10}O_6Cu$ Cuprisalicylic acid, sodium salt (WARK), 1756.

$C_{14}H_{10}O_9N_4$ Tetranitrodi-*p*-tolyl ether (REILLY, DRUMM, and BARRETT), 73.

$C_{14}H_{10}NCl_3$ 2′:4:4′-Trichloro-3-acetamidodiphenyl (BLAKEY and SCARBOROUGH), 3004.

$C_{14}H_{11}O_2Cl$ 3-Chloro-4-methoxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2867.

$C_{14}H_{11}O_2Br$ 3-Bromo-4-methoxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2868.

$C_{14}H_{11}O_2I$ 3-Iodo-4-methoxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2869.

$C_{14}H_{11}O_3Br$ Bromomethoxyphenyl benzoates (IRVINE and SMITH), 75.

$C_{14}H_{11}O_4N$ Nitro-4-methoxybenzophenones (BLAKEY, JONES, and SCARBOROUGH), 2870.

$C_{14}H_{11}O_5N_3$ Dinitro-3-acetamidodiphenyl (SCARBOROUGH and WATERS), 96.

Nitrobenzylnitrobenzaldoximes (BRADY and KLEIN), 879.

$C_{14}H_{11}O_7N_5$ 4:6-Dinitro-3-methoxybenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 2381.

$C_{14}H_{12}OS_2$ 2-*p*-Methoxyphenyl-1:3-benzdithiole, and its nitrate (HURTLEY and SMILES), 536.

$C_{14}H_{12}O_3N_2$ 5-Carboxy-2-ethoxyphenylglycollic acid phenylhydrazone (CHATTAWAY and PRATS), 690.

4'-Nitro-2-acetamidodiphenyl (SCARBOROUGH and WATERS), 96.

Nitro-3-acetamidodiphenyls (BLAKEY and SCARBOROUGH), 3008.

β-O-p-Nitrobenzylbenzaldoxime (BRADY and KLEIN), 885.

$C_{14}H_{12}O_4N_2$ 3-Nitro-4-methoxybenzanilide (BLAKEY, JONES, and SCARBOROUGH), 2870.

3-Nitro-4-methoxybenzophenoneoxime (BLAKEY, JONES, and SCARBOROUGH), 2870.

$C_{14}H_{12}O_5N_2$ Dinitrodi-*p*-tolyl ethers (REILLY, DRUMM, and BARRETT), 72.

$C_{14}H_{13}ON$ *N*-Methylbenziminophenyl ether (CHAPMAN), 1747.

$C_{14}H_{13}O_2Cl$ Chloro-2-benzyloxyanisoles (OXFORD and ROBINSON), 2241.

$C_{14}H_{13}O_3N$ Acetylmethoxy-1-naphthaldoximes (BRADY and GOLDSTEIN), 1962.

2-Nitrodi-*p*-tolyl ether (REILLY, DRUMM, and BARRETT), 72.

3-Nitrodi-*p*-tolyl ether (REILLY and BARRETT), 1399.

$C_{14}H_{13}O_6N$ Methyl nitrocinnamylidenemalonates (BAKER and ECCLES), 2128.

$C_{14}H_{14}ON_4$ Benzophenone δ-aminosemicarbazone (BROWN, PICKERING, and WILSON), 109.

$C_{14}H_{14}O_2N_2$ Quinoxaline derivative of 2:2-dimethyl*cyclo*pentane-3:4-dione-1-carboxylic acid (GIBSON, HARIHARAN, and SIMONSEN), 3014.

$C_{14}H_{14}O_4N_2$ 2:5-Dimethoxybenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 2340.

$C_{14}H_{14}O_5N_4$ 3:5-Diketo-2-*p*-tolyltetrahydro-1:2:4-triazine-6-carboxylic acid urethane (WHITELEY and YAPP), 527.

$C_{14}H_{14}NAs$ 10-Ethyl-5:10-dihydrophenarsazine (AESCHLIMANN), 416.

$C_{14}H_{15}ON$ Aminodi-*p*-tolyl ethers, and their salts (REILLY and BARRETT), 1400.

Diphenylhydroxyethylamines, and their salts (READ and STEELE), 910.

$C_{14}H_{15}N_3S$ Acetone δ-β-naphthylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2533.

$C_{14}H_{16}O_3N_2$ Nitro-9-acetylhexahydrocarbazoles (GURNEY and PLANT), 1317.

10-Nitro-7-methyl-ψ-indoxyl*spirocyclo*hexane (BETTS, MUSPRATT, and PLANT), 1313.

$C_{14}H_{16}NBr$ 2:6-Dimethylquinoline allobromine (HAMER), 2801.

$C_{14}H_{16}NI$ 2:6-Dimethylquinoline alliodide (HAMER), 2800.

$C_{14}H_{16}N_2Se_2$ Di-*o*-methylaminodiphenyl diselenide (CLARK), 2807.

$C_{14}H_{17}ON$ 9-Acetyl-*trans*-hexahydrocarbazole (GURNEY, PERKIN, and PLANT), 2679.

$C_{14}H_{17}O_2N_3$ *iso*Nitroso-derivative of substance $C_{14}H_{18}ON_2$ (KRISHNAMURTI and DEY), 1351.

$C_{14}H_{17}O_4Br_2$ Substance, from bromine and dimethylpyrone (COLLIE and KLEIN), 2162.

$C_{14}H_{17}O_6N$ Indican, synthesis of (ROBERTSON), 1937.

$C_{14}H_{17}N_2Cl$ Dibenzylhydrazine hydrochloride (KENNER and WILSON), 1112.

$C_{14}H_{18}ON_2$ Substance, from benzoylacetonitrile, piperidine, and salicylaldehyde (KRISHNAMURTI and DEY), 1350.

$C_{14}H_{18}O_2N_2$ *meso*-1:4-Diacetyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 344.

1-*mm'*-Dimethoxyanilino-1-cyano*cyclo*pentane (OAKESHOTT and PLANT), 489.

$C_{14}H_{18}O_4N_2$ Ethyl nitropiperidinobenzoates (LE FÈVRE and TURNER), 1117.

$C_{14}H_{19}O_3N_3$ 3-Methoxy-4-ethoxystyryl methyl ketone semicarbazone (DICKINSON, HEILBRON, and IRVING), 1894.

$C_{14}H_{20}O_4N_2$ Ethyl βγ-dicyano-β-methylpentane-γε-dicarboxylate (GIBSON, HARIHARAN, and SIMONSEN), 3011.

$C_{14}H_{23}O_3N_3$ γ-*m*-Nitro-*p*-acetamidophenylpropyltrimethylamine, picrate of (Ingold and Wilson), 811.

$C_{14}H_{22}NI$ 4-Phenyl-1-methyl-1-ethylpiperidinium iodides (Mills, Parkin, and Ward), 2619.

$C_{14}H_{23}ON_3$ 2-*iso*Propylidene-β-thujone semicarbazone (Hugh and Kon), 2599.

β-Thujylideneacetone semicarbazone (Hugh and Kon), 2599.

$C_{14}H_{25}ON_3$ Acetone δ-*d*-bornylsemicarbazones (Goodson), 1998.

$C_{14}H_{25}O_4Br$ Ethyl α-bromo-ββγγ'-tetramethyladipate (Farmer and Kracovski), 684.

14 IV

$C_{14}H_7O_3ClS$ 4-Chloro-1:9-thionyldihydroxyanthracene (Green), 2344.

$C_{14}H_7O_4NCl_2$ Nitrodiphenic acid dichlorides (Bell and Robinson), 1697.

$C_{14}H_8O_3NCl_5$ Pentachloroacetoxydiphenylamine (Bradfield, Cooper, and Orton), 2858.

$C_{14}H_8O_6N_2S_2$ 3:3'-Dinitrobenzaldehyde disulphides (Hodgson and Beard), 2423.

$C_{14}H_9O_4N_2Cl$ 2'-Chloro-2:4-dinitrostilbene (Robinson and Zaki), 2489.

$C_{14}H_{10}O_3N_2Br_2$ 5:4'-Dibromo-3-nitro-4-acetamidodiphenyl (Bell and Robinson), 1130.

$C_{14}H_{10}O_5N_3Cl$ 3-Chloro-5:4'-dinitro-4-acetamidodiphenyl (Scarborough and Waters), 1137.

$C_{14}H_{10}O_6N_4S_2$ Dinitrodibenzaldehyde disulphide dioximes (Hodgson and Beard), 2424.

$C_{14}H_{10}O_7N_4Se$ Benzselenazole methopicrate (Clark), 2806.

$C_{14}H_{10}N_4Br_8S_2$ 3-Bromo-1-aminobenzthiazole tribromide (Dyson, Hunter, and Morris), 1192.

$C_{14}H_{11}ONBr_2$ 4:6-Dibromo-3-acetamidodiphenyl (Blakey and Scarborough), 3007.

$C_{14}H_{11}O_3NCl_2$ 3:5-Dichloro-4-methoxybenzanilide (Blakey, Jones, and Scarborough), 2868.

3:5-Dichloro-4-methoxybenzophenoneoxime (Blakey, Jones, and Scarborough), 2867.

$C_{14}H_{11}O_2N_2Br$ Phthalimidomethylpyridinium bromide (Kipping and Mann), 530.

$C_{14}H_{11}O_3N_2Cl$ Chloronitro-4-acetamidodiphenyl (Scarborough and Waters), 1137.

$C_{14}H_{11}O_3N_2Br$ 4-Bromo-4'-nitro-3-acetamidodiphenyl (Blakey and Scarborough), 3009.

4'-Bromo-3-nitro-4-acetamidodiphenyl (Scarborough and Waters), 1139.

5-Bromo-3-nitro-4-acetamidodiphenyl (Bell and Robinson), 1131.

$C_{14}H_{11}O_5N_4Br$ Dinitromethoxybenzaldehyde *p*-bromophenylhydrazone (Hodgson and Beard), 2381.

$C_{14}H_{12}ONCl$ Chloro-3-acetamidodiphenyls (Blakey and Scarborough), 3003.

Chloro-2-acetamidodiphenyls (Scarborough and Waters), 93.

$C_{14}H_{12}ONBr$ 5-Bromo-2-acetamidodiphenyl (Scarborough and Waters), 94.

Bromo-3-acetamidodiphenyls (Blakey and Scarborough), 3005.

$C_{14}H_{12}O_2NBr$ 3-Bromo-4-methoxybenzanilide (Blakey, Jones, and Scarborough), 2868.

3-Bromo-4-methoxybenzophenoneoximes (Blakey, Jones, and Scarborough), 2868.

$C_{14}H_{12}O_2NI$ 3-Iodo-4-methoxybenzanilide (Blakey, Jones, and Scarborough), 2869.

3-Iodo-4-methoxybenzophenoneoximes (Blakey, Jones, and Scarborough), 2869.

$C_{14}H_{12}O_2N_2Se_2$ Di-*o*-formylaminodiphenyl diselenide (Clark), 2808.

$C_{14}H_{12}O_3N_2Cl$ 4-Chloro-2-methoxybenzaldehyde *p*-nitrophenylhydrazone (Hodgson and Jenkinson), 1741.

$C_{14}H_{12}O_3N_2Br$ Bromomethoxybenzaldehyde *p*-nitrophenylhydrazones (Hodgson and Jenkinson), 3042.

$C_{14}H_{12}O_3N_2I$ Iodomethoxybenzaldehyde *p*-nitrophenylhydrazones (Hodgson and Jenkinson), 3043.

$C_{14}H_{13}O_4NCl$ 1:3-Dihydroxy-7-methoxyxanthonimine hydrochloride (Shinoda), 1984.

Nitrochloro-2-benzyloxyanisoles (Oxford and Robinson), 2241.

$C_{14}H_{12}O_4N_4S$ Nitromethylthiolbenzaldehyde *p*-nitrophenylhydrazones (Hodgson and Beard), 2426.

$C_{14}H_{12}O_5N_2S_2$ 4-Acetamidobenzenesulphonyl 2-nitrophenyl disulphide (Brooker, Child, and Smiles), 1386.

$C_{14}H_{12}NISe$ Phenylbenzselenazole methiodide (Clark), 2807.

$C_{14}H_{12}OSAs$ 10-Ethylphenoxarsine sulphide (Aeschlimann), 415.

$C_{14}H_{12}O_5NS_2$ 4-Methoxytoluene-3-sulphonyl 2-nitrophenyl disulphide (Brooker, Child, and Smiles), 1386.

$C_{14}H_{14}O_4N_2S$ *p*-Toluenesulphonmethyl-2-nitroanilide (Bell and Robinson), 1129.

$C_{14}H_{14}O_5N_2Br_2$ Ethyl diketosuccinate 2:4-dibromophenylhydrazone (Chattaway and Humphrey), 1326.

$C_{14}H_{15}O_2NS$ Phenylethanesulphonamides (Evans, Mabbott, and Turner), 1162.

$C_{14}H_{15}NIAs$ 10:10-Dimethyl-5:10-dihydrophenarsazonium iodide (Aeschlimann), 416.

$C_{14}H_{15}N_2ClBr$ Di-*o*-bromobenzylhydrazine hydrochloride (Kenner and Wilson), 1111.

$C_{14}H_{16}ONBr$ 6-Bromo-9-acetylhexahydrocarbazole, and its hydrobromide (Gurney and Plant), 1322.

$C_{14}H_{18}O_4N_4S_2$ Carbethoxymethyl-2-glyoxaline disulphide (Balaban and King), 1867.

$C_{14}H_{19}O_2N_2Br$ β-Phthalimidodimethyldiethylammonium bromide (Hanhart and Ingold), 1010.

$C_{14}H_{19}O_3N_3S$ Acetone *S*-*o*-carbethoxybenzylthiosemicarbazone (Baird, Burns, and Wilson), 2530.

C_{15} Group.

$C_{15}H_{10}O_5$ Carajuretin, and its salts (Chapman, Perkin, and Robinson), 3025.

$C_{15}H_{12}O_3$ 2:4-Dihydroxyphenyl styryl ketone (Ellison), 1723.

7-Hydroxyflavanone (Ellison), 1722.

$C_{15}H_{12}O_4$ Acetylbenzoylpyrocatechol (Green), 502.

$C_{15}H_{12}O_5$ Trihydroxyphenyl hydroxystyryl ketones (Ellison), 1723.

$C_{15}H_{12}S_2$ 2-Styryl-1:3-benzdithiole, and its nitrate (Hurtley and Smiles), 537.

$C_{15}H_{14}O_3$ Methyl 1-methoxydiphenyl-1-carboxylate (Rule and Bretscher), 926.

$C_{15}H_{16}O$ Di-*o*-tolylcarbinol (Boyd and Hatt), 908.

$C_{15}H_{18}O_7$ Ethyl 2:4:6-trimethoxybenzoylpyruvate (Pratt, Robertson, and Robinson), 1983.

$C_{15}H_{22}O_3$ Dehydrongaiene dioxides (McDowall), 737.

$C_{15}H_{22}O_{14}$ Tetracarbomethoxy γ-methylfructoside (Allpress, Haworth, and Inkster), 1234.

$C_{15}H_{26}O_3$ Dihydrongaiol (McDowall), 734.

Tetrahydrongaione (McDowall), 733.

$C_{15}H_{28}O_2$ Tetrahydrongaiene dioxide (McDowall), 740.

$C_{15}H_{28}O_3$ Tetrahydrongaiol (McDowall), 734.

15 III

$C_{15}H_9O_3Cl$ Chlorohydroxymethylanthraquinone (HAYASHI), 2524.

$C_{15}H_9O_3Br$ Bromohydroxymethylanthraquinone (HAYASHI), 2526.

$C_{15}H_9O_5N_3$ 2:5-Dinitrophenyloxazoles (INGHAM), 698.

$C_{15}H_9O_4N_7$ 3:5-Diketo-2-*o*-nitrophenyl-6-*o*-nitrobenzeneazotetrahydro-1:2:4-triazine (WHITELEY and YAPP), 527.

$C_{15}H_{10}ON_2$ *iso*Quinazindol-2-one (ASAHINA, MANSKE, and ROBINSON), 1709.

$C_{15}H_{10}O_3N_2$ 2-Phenyl-5-*m*-nitrophenyloxazole (INGHAM), 698.

$C_{15}H_{10}O_6N_2$ 2:4-Dinitro-3′:4′-methylenedioxystilbene (NISBET), 2082.

$C_{15}H_{10}N_4S$ *s*-Dicyanophenylthiocarbamides (DYSON, GEORGE, and HUNTER), 443.

$C_{15}H_{11}O_2N$ 3-Phenylindole-2-carboxylic acid (MANSKE, PERKIN, and ROBINSON), 7.

$C_{15}H_{11}O_2N_5$ 3:5-Diketo-6-benzeneazo-2-phenyltetrahydro-1:2:4-triazine (WHITELEY and YAPP), 527.

$C_{15}H_{11}O_2Cl$ 4′-Hydroxyflavylium chloride (IRVINE and ROBINSON), 2090.

$C_{15}H_{11}O_2I_3$ 4′-Hydroxyflavylium periodide (IRVINE and ROBINSON), 2090.

$C_{15}H_{11}O_3Cl$ Chrysinidin chloride (PRATT, ROBERTSON, and ROBINSON), 1977.

Dihydroxyflavylium chlorides (ROBERTSON and ROBINSON), 245, 2203.

$C_{15}H_{11}O_4Cl$ Apigenidin chloride ($+H_2O$) (PRATT, ROBERTSON, and ROBINSON), 1979.

Chlorohydroxybenzoyltoluic acids, and their salts (HAYASHI), 2520.

5:6:7-Trihydroxyflavylium chloride (CHAPMAN, PERKIN, and ROBINSON), 3040.

$C_{15}H_{11}O_4Br$ Bromohydroxybenzoyltoluic acids, and their salts (HAYASHI), 2525.

$C_{15}H_{11}O_5Cl$ Resomorinidin chloride (PRATT, ROBERTSON, and ROBINSON), 1982.

5:6:7:4′-Tetrahydroxyflavylium chloride (CHAPMAN, PERKIN, and ROBINSON), 3038.

$C_{11}H_{11}O_7N$ 2-Nitro-4:5-dimethoxyphenylpyruvic acid (OXFORD and RAPER), 418.

$C_{15}H_{11}O_7N_3$ 2:4:6-Trinitro-4′-methoxystilbene (NISBET), 2083.

$C_{15}H_{11}O_7Cl$ Chrysinidin perchlorate (PRATT, ROBERTSON, and ROBINSON), 1978.

$C_{15}H_{11}NS$ 1-Styrylbenzthiazole (MILLS and WHITWORTH), 2748.

$C_{15}H_{12}O_5N_2$ 2:4-Dinitro-2′-methoxystilbene (ROBINSON and ZAKI), 2489.

Nitrobenzyl-3:4-methylenedioxybenzaldoximes (BRADY and KLEIN), 880.

$C_{15}H_{13}O_2N$ Benzylidenepiperonylmethylamine, and its picrate (MALAN and ROBINSON), 2655.

$C_{15}H_{13}O_4N$ α-Phenylethyl *p*-nitrobenzoate (WARD), 453.

$C_{15}H_{13}O_5N_3$ *m*-Nitrobenzonitro-*m*-xylidides (DADSWELL and KENNER), 1107.

$C_{15}H_{13}O_5N_5$ 3-Nitro-4-acetamidobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 23.

$C_{15}H_{13}O_6N_3$ Dinitrobenzamidophenetoles (FAWCETT and ROBINSON), 2420.

Nitrobenzylnitromethoxybenzaldoximes (BRADY and KLEIN), 881.

$C_{15}H_{13}NS$ 1-β-Phenylethylbenzthiazole (MILLS and WHITWORTH), 2749.

$C_{15}H_{14}O_2N_4$ Benzil δ-aminosemicarbazone (BROWN, PICKERING, and WILSON), 110.

$C_{15}H_{14}O_3N_2$ 5-Carboxy-2-hydroxyacetophenone, and its phenylhydrazone (CHATTAWAY and PRATS), 692.

3-Nitro-4-acetmethylamidodiphenyl (BELL and ROBINSON), 1130.

m-Nitrobenzo-*m*-xylidides (DADSWELL and KENNER), 1107.

$C_{15}H_{14}O_3N_4$ *p*-Acetamidobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 22.

$C_{15}H_{14}O_4N_2$ Dinitrobenz-*p*-phenetidides (FAWCETT and ROBINSON), 2420.

Nitro-4-benzamidophenetoles (FAWCETT and ROBINSON), 2418.

Nitrobenzylmethoxybenzaldoximes (BRADY and KLEIN), 880.

$C_{15}H_{14}O_6N_2$ Nitro-3-methoxy-4-*p*-nitrobenzyloxytoluenes (OXFORD), 1967.
$C_{15}H_{15}N_3S$ Benzylidenebenzylthiosemicarbazide (BAIRD, BURNS, and WILSON), 2531.
$C_{15}H_{17}O_2N$ 7-Acetyl-ψ-indoxyl*spirocyclo*hexane (BETTS, MUSPRATT, and PLANT), 1312.
$C_{15}H_{17}O_8N$ 3-β-Glucosidoxyindole-2-carboxylic acid (ROBERTSON), 1940.
$C_{15}H_{17}O_8N_5$ Mesoxalyldiurethane nitrophenylhydrazones (WHITELEY and YAPP), 525.
$C_{15}H_{17}O_3N_2$ Substance, from *o*-phenylenediamine and α-keto-ββγγ-tetramethylglutaric hydroxylactone (ROTHSTEIN and SHOPPEE), 534.
$C_{15}H_{18}O_5N_2$ Ethyl diketosuccinate tolylhydrazones (CHATTAWAY and HUMPHREY), 2795.
$C_{15}H_{18}O_6N_4$ Mesoxalyldiurethane phenylhydrazone (WHITELEY and YAPP), 525.
$C_{15}H_{19}O_7N_2$ 3-β-Glucosidoxyindole-2-carboxylamide (ROBERTSON), 1940.
$C_{15}H_{23}O_2Cl$ Ngaiyl chloride, preparation of (MCDOWALL), 739.
$C_{15}H_{23}N_3S$ Benzylidene-δ-heptylthiosemicarbazide (BAIRD, BURNS, and WILSON), 2534.
$C_{15}H_{24}NI$ 4-Phenyl-1:1-diethylpiperidinium iodide (MILLS, PARKIN, and WARD), 2621.
$C_{15}H_{25}ON_3$ Methyl-β-thujylideneacetone semicarbazone (HUGH and KON), 2599.
$C_{15}H_{25}O_2N$ Ngaiylamine, and its salts (MCDOWALL), 738.
$C_{15}H_{28}O_2N_2$ Tetrahydrongaione hydrazone (MCDOWALL), 736.
$C_{15}H_{29}O_2N$ Tetrahydrongaiylamine, and its picrolonate (MCDOWALL), 734.

15 IV

$C_{15}H_{12}O_4N_2S$ *s*-Di-*o*-carboxyphenylthiocarbamide (DYSON, GEORGE, and HUNTER), 444.
$C_{15}H_{12}O_6N_2S$ *m*-Nitrophenyl β-(*p*-nitrobenzoyl)oxyethyl sulphide (BENNETT and BERRY), 1669.
$C_{15}H_{13}ONS$ *o*-Cinnamamidothiophenol (MILLS and WHITWORTH), 2746.
4-Keto-2-phenyltetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2745.
$C_{15}H_{13}O_2NS$ 2-Keto-2-phenyltetrahydro-1:5-heptabenzthiazine sulphoxide (MILLS and WHITWORTH), 2745.
$C_{15}H_{12}O_2N_2Br_2$ *o*-Acetamidobenzoyl-2:4-dibromophenylhydrazine (CHATTAWAY and WALKER), 331.
$C_{15}H_{13}O_3NS$ 4-Keto-2-phenyltetrahydro-1:5-heptabenzthiazine sulphone (MILLS and WHITWORTH), 2746.
$C_{15}H_{13}O_3N_2Br$ Nitrobenzoylbromoacetoxylidides (DADSWELL and KENNER), 1106.
$C_{15}H_{14}ONAs$ 5-Acetyl-10-methyl-5:10-dihydrophenarsazine (AESCHLIMANN), 416.
$C_{15}H_{14}O_3BrAs$ 10-Methyl-10-carboxymethylphenoxarsonium bromide (AESCHLIMANN), 415.
$C_{15}H_{15}O_4NS_2$ *m*-Carboxyphenylmethylsulphine-*p*-toluenesulphonylimine, resolution of, and its salts (CLARKE, KENYON, and PHILLIPS), 188.
$C_{15}H_{16}O_2N_2S$ *s*-Dianisylthiocarbamides (DYSON, GEORGE, and HUNTER), 440.
$C_{15}H_{17}O_2N_2Cl$ *o*-Nitrobenzylphenyldimethylammonium chloride (BAW), 1398.
$C_{15}H_{17}NIAs$ 10-Methyl-10-ethyl-5:10-dihydrophenarsazonium iodide (AESCHLIMANN), 416.

C_{16} Group.

$C_{16}H_{10}O_4$ 4-Hydroxy-3-benzoylcoumarin (HEILBRON and HILL), 1707.
$C_{16}H_{12}O_2$ 7-Hydroxy-2-phenyl-5-methylbenzopyrylium anhydro-base, and its salts (HIRST), 2493.
$C_{16}H_{12}O_3$ 4-Hydroxy-3-benzylcoumarin (HEILBRON and HILL), 1707.

$C_{16}H_{12}O_5$ Carajurone (CHAPMAN, PERKIN, and ROBINSON), 3027.
$C_{16}H_{12}N_2$ Dibenzodihydronaphthyridine, and its salts (HAWORTH and PINK), 2348.
$C_{16}H_{14}O$ *o-iso*Propenylbenzophenone (BARNETT, COOK, and NIXON), 509.
$C_{16}H_{14}O_3$ Phenyl 2-hydroxy-5-methoxystyryl ketone (IRVINE and ROBINSON), 2088.
$C_{16}H_{14}O_4$ 2:2′-Dimethoxybenzil, surface tension and density of (GARNER and SUGDEN), 2882.
$C_{16}H_{15}N$ 1-Benzyl-1:2:3:4-tetrahydro*iso*quinoline, and its sulphate (CHAKRAVARTI, HAWORTH, and PERKIN), 2277.
$C_{16}H_{16}O_2$ Dimethylphenylhydroxyphthalan (BARNETT, COOK, and NIXON), 509.
2-*p*-Tolyloxy-5-methylacetophenone (REILLY and DRUMM), 2819.
$C_{16}H_{21}N_3$ 2-Aminotetramethylbenzidine (BELL and ROBINSON), 1698.
$C_{16}H_{22}O_5$ Ethyl β-benzyloxyethylmalonate (BENNETT and HOCK), 475.
$C_{16}H_{26}O_6$ Tetramethylmannonic acid phenylhydrazide (GOODYEAR and HAWORTH), 3143.
$C_{16}H_{32}O_2$ Palmitic acid, sodium salt, effect of electrolytes on viscosity of (MCBAIN, WILLAVOYS, and HEIGHINGTON), 2689; hydrolysis of solutions of (MCBAIN and BUCKINGHAM), 2679.
Acid, from oxidation of *n*-triacontane (FRANCIS and WOOD), 1900.

16 III

$C_{16}H_9O_2Cl$ 2-*o*-Chlorobenzylidene-1:3-diketohydrindene (ROBINSON and ZAKI), 2488.
$C_{16}H_{10}ON_2$ Ketodibenzodihydronaphthyridine, and its salts (HAWORTH and PINK), 2347.
$C_{16}H_{10}O_4N_2$ *o*-Nitrobenzylidenehomophthalimide (HAWORTH and PINK), 2346.
$C_{16}H_{10}O_5N_4$ 3-Keto-2:5-dinitrophenyl-3:4-dihydro-1:4-diazines (INGHAM), 699.
$C_{16}H_{12}O_{12}N_6$ 1:4-Di-*oop*-trinitrophenylpiperazine (LE FÈVRE and TURNER), 1121.
$C_{16}H_{13}ON$ 2-Acetyl-3-phenylindole (MANSKE, PERKIN, and ROBINSON), 8.
$C_{16}H_{13}O_3Cl$ Methoxyflavylium chlorides (IRVINE and ROBINSON), 2088.
$C_{16}H_{13}O_5Cl$ Hydroxymethoxyflavylium chlorides (IRVINE and ROBINSON), 2091.
Scutellareinidin chloride methyl ether (CHAPMAN, PERKIN, and ROBINSON), 3038.
5:6:7:4′-Tetrahydroxy-4-methylflavylium chloride (CHAPMAN, PERKIN, and ROBINSON), 3035.
$C_{16}H_{13}O_6Cl$ Rhamnetinidin chloride (ROBERTSON and ROBINSON), 2206.
$C_{16}H_{14}ON_2$ Ketodibenzohexahydronaphthyridine, and its salts (HAWORTH and PINK), 2348.
$C_{16}H_{14}O_3N_2$ Nitrobenzylcinnamaldoximes (BRADY and KLEIN), 879.
$C_{16}H_{14}O_6N_4$ Ethyl 2:4-dinitrobenzoylformate phenylhydrazone (FAIRBOURNE and FAWSON), 49.
$C_{16}H_{14}O_6Cu$ Cuprimandelic acid, salts of (WARK), 1755.
$C_{16}H_{14}O_8N_6$ 1:4-Di-*op*-dinitrophenylpiperazine (LE FÈVRE and TURNER), 1121.
$C_{16}H_{15}O_2N$ Diacetyl-4-aminodiphenyl (SCARBOROUGH and WATERS), 1139.
$C_{16}H_{15}O_3N_3$ α-Phenylbutane-βγ-dione β-*m*-nitrophenylhydrazone (MANSKE, PERKIN, and ROBINSON), 7.
$C_{16}H_{15}O_4N_3$ 2:4-Dinitro-4′-dimethylaminostilbene, and its chloroplatinate (NISBET), 2083.
$C_{16}H_{15}O_6N_3$ Methyl *pp*′-dinitrodibenzylaminoformate (BAKER), 568.
$C_{16}H_{16}ON_2$ *p*-Acetamidobenzylidene-*p*-toluidine (HODGSON and BEARD), 22.
α-Phenylbutane-βγ-dione β-phenylhydrazone (MANSKE, PERKIN, and ROBINSON), 7.
$C_{16}H_{16}ON_4$ Benzaldehyde acetophenone carbohydrazone (BROWN, PICKERING, and WILSON), 109.

$C_{16}H_{16}O_2N_4$ Di-*p*-tolylformazylcarboxylic acid (WHITELEY and YAPP), 526.

$C_{16}H_{17}O_2N$ Methyl dibenzylaminoformate (BAKER), 568.

$C_{16}H_{17}O_3N$ *N*-*o*-Methoxybenzyl-*p*-methoxybenzaldoxime (BRADY and BENNETT), 896.

$C_{16}H_{17}N_3S$ Acetophenone δ-benzylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2531.

Benzylidene-δ-α-phenylethylthiosemicarbazide (BAIRD, BURNS, and WILSON), 2532.

Dibenzyl ketone thiosemicarbazone (BAIRD and WILSON), 2117.

$C_{16}H_{18}O_4N_2$ Bisnitrosyl-*o*-methoxybenzyl (BRADY and BENNETT), 897.

$C_{16}H_{18}N_2Br_2$ Dibromohexadiene dipyridinium salt (FARMER, LAROIA, SWITZ, and THORPE), 2950.

$C_{16}H_{19}ON$ β-Amino-α-ethyl-αβ-diphenylethyl alcohol, and its hydrochloride (MCKENZIE and ROGER), 576.

$C_{16}H_{20}OSi$ Diethoxydiphenylsilicane (KIPPING and MURRAY), 2736.

$C_{16}H_{20}O_2N_2$ Acetamido-9-acetylhexahydrocarbazoles (GURNEY and PLANT), 1317.

$C_{16}H_{20}O_6N_4$ Mesoxalyldiurethane *p*-tolylhydrazone (WHITELEY and YAPP), 525.

$C_{16}H_{20}NCl$ Phenyl-α-phenylethyldimethylammonium chloride (EVANS, MABBOTT, and TURNER), 1163.

$C_{16}H_{22}ON_2$ Pinene nitrolanilide (EARL and KENNER), 1275.

$C_{16}H_{22}O_4N_4$ 4:6-Dinitro-1:3-dipiperidinobenzene (LE FÈVRE and TURNER), 1118.

$C_{16}H_{22}O_5N_2$ 1-Nitro-2:4-dipiperidinobenzene (LE FÈVRE and TURNER), 1117.

$C_{16}H_{23}O_3N$ Tetramethyladipanilic acids (FARMER and KRACOVSKI), 683.

$C_{16}H_{24}O_3S$ Menthyl benzenesulphonate, decomposition and rotation of (PATTERSON and MCALPINE), 350.

$C_{16}H_{28}O_6N_2$ Tetramethyl δ-galactonolactone phenylhydrazide (HAWORTH, HIRST, and JONES), 2430.

Tetramethyl mannonophenylhydrazide (DREW, GOODYEAR, and HAWORTH), 1243.

16 IV

$C_{16}H_8O_2N_4Cl_4$ Anhydrodiketosuccinic acid 2:4-dichlorophenylosazone (CHATTAWAY and HUMPHREY), 1327.

Dichlorophenyl-4:5-diketopyrazoline-3-carboxylic acid dichlorophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.

$C_{16}H_8O_2N_4Br_4$ Anhydrodiketosuccinic acid 2:4-dibromophenylosazone (CHATTAWAY and HUMPHREY), 1325.

1-2′:4′-Dibromophenyl-4:5-diketopyrazoline-3-carboxylic acid 4-2″:4″-dibromophenylhydrazone (CHATTAWAY and HUMPHREY), 1325.

$C_{16}H_{10}O_2N_4Cl_2$ Anhydrodiketosuccinic acid chlorophenylosazone (CHATTAWAY and HUMPHREY), 1327.

Chlorophenyl-4:5-diketopyrazoline-3-carboxylic acid chlorophenylhydrazone (CHATTAWAY and HUMPHREY), 1328.

$C_{16}H_{10}O_2N_4Br_2$ Anhydrodiketosuccinic acid *p*-bromophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.

1-*p*-Bromophenyl-4:5-diketopyrazoline-3-carboxylic acid 4-*p*-bromophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.

$C_{16}H_{10}O_4N_4Cl_4$ Diketosuccinic acid 2:4-dichlorophenylosazone (CHATTAWAY and HUMPHREY), 1327.

$C_{16}H_{10}O_4N_4Br_4$ Diketosuccinic acid 2:4-dibromophenylosazone (CHATTAWAY and HUMPHREY), 1325.

$C_{16}H_{11}O_3N_2Br$ 1-Phenyl-4:5-diketopyrazoline-3-carboxylic acid 4-bromophenylhydrazone (CHATTAWAY and HUMPHREY), 2138.

$C_{16}H_{11}NClAs$ 7-Chloro-7:12-dihydro*iso*benzophenarsazine (GIBSON and JOHNSON), 2513.

$C_{16}H_{11}NBrAs$ 12-Bromo-7:12-dihydrobenzophenarsazine (GIBSON and JOHNSON), 2513.

$C_{16}H_{12}O_3NHS$ Benzophenarsazinic acids, and their salts (GIBSON and JOHNSON), 2511.

$C_{16}H_{12}O_4N_4Cl_2$ Diketosuccinic acid *p*-chlorophenylosazone (CHATTAWAY and HUMPHREY), 1327.

$C_{16}H_{12}O_4N_4Br_2$ Diketosuccinic acid *p*-bromophenylosazone (CHATTAWAY and HUMPHREY), 1327.

$C_{16}H_{13}O_5N_2As$ Benzoyloxy-1:4-dihydroquinoxaline-6-arsinic acids (EWINS, NEWBERY, and STICKINGS), 853.

$C_{16}H_{14}O_2N_2Br_2$ Succino-*p*-bromoanilide (BARNICOAT), 2928.

$C_{16}H_{14}O_2NBr$ Benzoyl-6-bromo-β-piperonylethylamine (STEVENS), 184.

$C_{16}H_{14}O_3NAs$ 2-Naphthylaminophenylarsinic acids (GIBSON and JOHNSON), 2511.

$C_{16}H_{15}O_4N_4Br$ Substance, from piperazine and 4:4′-dibromo-3:2′-dinitrodiphenyl (LE FÈVRE and TURNER), 1121.

$C_{16}H_{16}O_2N_2Se_2$ Di-*o*-formylmethylaminodiphenyl diselenide (CLARK), 2806.

$C_{16}H_{16}N_4Br_6S_2$ 1-Amino-5-methylbenzthiazole tribromide (DYSON, HUNTER, and MORRIS), 1192.

$C_{16}H_{18}O_4N_2Cl$ Di-*p*-nitrobenzyldimethylammonium chloride (STEDMAN), 1905.

$C_{16}H_{20}O_2NCl$ Chlorocamphoranilic acids (M. and R. SINGH), 1995.

$C_{16}H_{25}O_{12}N_3Co$ Aquo-2:6-dinitrophenoxobisethylenediamminocobaltic hydroxy-2:6-dinitrophenoxide (DUFF and BILLS), 2374.

16 V

$C_{16}H_{10}O_6N_2S_2Na_2$ Sodium *p*-sulphobenzeneazo-β-naphthyl sulphite (KING), 2644.

$C_{16}H_{11}O_4NCl_6S$ Anhydro-2-βββ-trichloro-α-hydroxyethoxy-1-βββ-trichloro-α-hydroxyethylbenzene-5-sulphonanilide (CHATTAWAY and MORRIS), 2017.

C_{17} Group.

$C_{17}H_{10}O_4$ *iso*Benzanthragallol (CROSS and PERKIN), 1303.

Benzanthrapurpurin (CROSS and PERKIN), 1302.

*iso*Benzflavopurpurin (CROSS and BEVAN), 1305.

$C_{17}H_{12}O_4$ α-(6-Hydroxymethylpiperonyl)cinnamolactone (STEVENS and ROBERTSON), 2791.

$C_{17}H_{14}O$ Carajurin, and its salts (CHAPMAN, PERKIN, and ROBINSON), 3023.

$C_{17}H_{14}O_4$ 7-Acetoxyflavanone (ELLISON), 1722.

$C_{17}H_{14}O_5$ 3-(3′:4′-Dihydroxybenzylidene)-7-methoxychromanone (PERKIN, RÂY, and ROBINSON), 2097.

$C_{17}H_{16}O_2$ 1-Acetonyl-3-methyl-1:4-β-naphthapyran (DICKINSON and HEILBRON), 17.

7-Methoxy-2-phenyl-5-methylbenzopyrylium hydroxide, ferrichloride of (HIRST), 2494.

$C_{17}H_{16}O_3$ Phenyl 3:4-dimethoxystyryl ketone (DICKINSON, HEILBRON, and IRVING), 1896.

1:2:7-Trimethoxyanthracene (MACMASTER and PERKIN), 1309.

$C_{17}H_{16}O_4$ 3:4:6-Trimethoxyanthranol (MACMASTER and PERKIN), 1309.

$C_{17}H_{16}O_5$ 3-(3′:4′-Dihydroxybenzyl)-7-methoxychromanone (PERKIN, RÂY, and ROBINSON), 2098.

Phenacyl veratrate (MALAN and ROBINSON), 2656.

$C_{17}H_{17}N$ Tetrahydroprotoberberine, and its salts (CHAKRAVARTI, HAWORTH, and PERKIN), 2278.

$C_{17}H_{17}N_3$ 5-Keto-6-phenyl-2:3:4:5-tetrahydropyridine 5-phenylhydrazone (MANSKE, PERKIN, and ROBINSON), 10.

$C_{17}H_{21}N$ Benzyl-*n*-butylaniline, and its salts (REILLY and DRUMM), 1395.

$C_{17}H_{22}O_7$ Methyl ethyl hydrogen 4-methyl-5-*cyclo*hexane*spiro*-Δ^1-*cyclo*penten-3-one-1:2:4-tricarboxylate (INGOLD and SEELEY), 1688.

$C_{17}H_{22}N_2$ Benzyl-*n*-butyl-*p*-phenylenediamine, and its salts (REILLY and DRUMM), 1396.

$C_{17}H_{26}O_9$ Ethyl $\beta\beta$-dicarbethoxy-γ-ketopimelate (ROBINSON and ZAKI), 2413.

$C_{17}H_{30}O_4$ Tetrahydrongaiol acetate (McDOWALL), 734.

17 III

$C_{17}H_{10}OS_2$ 1:3-Benzdithiole-2-β-naphthaquinone, and its hydrochloride (HURTLEY and SMILES), 536.

$C_{17}H_{11}O_4N_3$ 3-Nitrobenzaldehyde-4-azo-β-naphthol (HODGSON and BEARD), 23.

$C_{17}H_{12}O_2N_4$ 2:6-Dibenzeneazopyrone (MULLEN and CROWE), 1752.

$C_{17}H_{12}O_5Br$ Dibromocarajurin (CHAPMAN, PERKIN, and ROBINSON), 3024.

$C_{17}H_{13}ON$ Oxyprotoberberine (CHAKRAVARTI, HAWORTH, and PERKIN), 2279.

$C_{17}H_{13}O_2Cl$ Chlorohydroxydistyryl ketones (HEILBRON and HILL), 921.

$C_{17}H_{14}O_3N_4$ Methyl 1-phenyl-4:5-diketopyrazoline-3-carboxylate 4-phenylhydrazone (CHATTAWAY and HUMPHREY), 2139.

$C_{17}H_{14}O_5Br_4$ Carajurin tetrabromide (CHAPMAN, PERKIN, and ROBINSON), 3023.

$C_{17}H_{14}NCl$ Protoberberinium chloride (CHAKRAVARTI, HAWORTH, and PERKIN), 2279.

$C_{17}H_{14}NI$ Protoberberinium iodide (CHAKRAVARTI, HAWORTH, and PERKIN), 2279.

$C_{17}H_{15}O_2Cl$ 7-Methoxy-2-phenyl-5-methylbenzopyrylium chloride (HIRST), 2494.

$C_{17}H_{15}O_2N$ Ethyl 3-phenylindole-2-carboxylate (MANSKE, PERKIN, and ROBINSON), 7.

$C_{17}H_{15}O_2N_5$ 3:5-Diketo-6-*p*-tolueneazo-2-*p*-tolyltetrahydro-1:2:4-triazine (WHITELEY and YAPP), 527.

$C_{17}H_{15}O_3Cl$ 3:4′-Dimethoxyflavylium chloride (ROBERTSON and ROBINSON), 2203.

7-Hydroxy-4′-methoxy-2-phenyl-5-methylbenzopyrylium chloride (HIRST), 2494.

$C_{17}H_{15}O_4Cl$ 3:5:4′-Trihydroxy-6:8-dimethylflavylium chloride (ROBERTSON and ROBINSON), 2204.

$C_{17}H_{15}O_5Cl$ 5:7-Dihydroxy-3′:4′-dimethoxyflavylium chloride (PRATT, ROBERTSON, and ROBINSON), 1981.

5:7-Dihydroxy-6:4′-dimethoxyflavylium chloride (CHAPMAN, PERKIN, and ROBINSON), 3039.

3:5:3′:4′-Tetrahydroxy-6:8-dimethylflavylium chloride (ROBERTSON and ROBINSON), 2205.

$C_{17}H_{15}O_7N_7$ Di-*o*-nitroformazylcarboxylic acid urethane (WHITELEY and YAPP), 526.

$C_{17}H_{17}O_3N_3$ *meso*-1-*p*-Nitrobenzoyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 344.

$C_{17}H_{17}O_3N_5$ Formazylcarboxylic acid urethane (WHITELEY and YAPP), 526.

$C_{17}H_{17}O_4N$ Piperonylmethyl-β-piperonylethylamine (MALAN and ROBINSON), 2656.

$C_{17}H_{17}O_6N_3$ 2-Nitro-4:5-dimethoxyphenylpyruvic acid phenylhydrazone (OXFORD and RAPER), 419.

$C_{17}H_{18}ON_2$ 1-Benzoyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxalines (GIBSON), 344.

$C_{17}H_{18}ON_4$ Diacetophenonecarbohydrazone (BROWN, PICKERING, and WILSON), 109.

$C_{17}H_{18}O_3N_2$ 5-Piperidino-2-nitrodiphenyl ether (LE FÈVRE, SAUNDERS, and TURNER), 1171.

$C_{17}H_{18}O_4N_4$ 4:6-Dinitro-3-anilino-1-piperidinobenzene (LE FÈVRE and TURNER), 1118.

$C_{17}H_{19}O_2N_3$ 4-Nitro-2-benzylideneaminodiethylaniline (BURTON and GIBSON), 2388.

$C_{17}H_{19}O_3N$ 2:6-Dimethoxy-4-methylbenz-*p*-toluidide (ROBERTSON and ROBINSON), 2200.

$C_{17}H_{19}O_3N_3$ Phenyl *β*-2-hydroxy-5-methoxyphenylethyl ketone semicarbazone (IRVINE and ROBINSON), 2093.

$C_{17}H_{19}O_5N$ Ethyl *δ*-phthalimido-*α*-acetylvalerate (MANSKE, PERKIN, and ROBINSON), 8.

$C_{17}H_{20}ON_2$ *p*-Nitrosobenzyl-*n*-butylaniline, and its hydrochloride (REILLY and DRUMM), 1396.

$C_{17}H_{20}N_2S$ *s*-Di-*m*-xylyl-2-thiocarbamide (DYSON, GEORGE, and HUNTER), 440.

$C_{17}H_{23}ON$ *α*-Ethyl-Δ^1-*cyclo*hexenylacet-*p*-toluidide (KON and NARAYANAN), 1540.

$C_{17}H_{28}NI$ 4-Phenyl-1:1-di-*n*-propylpiperidinium iodide (MILLS, PARKIN, and WARD), 2622.

17 IV

$C_{17}H_{10}O_3N_4Br_4$ Methyl 1-2′:4′-dibromophenyl-4:5-diketopyrazoline-3-carboxylate dibromophenyl hydrazone (CHATTAWAY and HUMPHREY), 1326.

$C_{17}H_{12}O_3N_4Br_2$ Methyl 1-*p*-bromophenyl-4:5-diketopyrazoline-3-carboxylate bromophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.

$C_{17}H_{12}O_9N_2S_2$ Nitrobenzoylnaphthylaminedisulphonic acids, and their sodium salts (BALABAN and KING), 3078.

$C_{17}H_{12}O_{10}N_2S_2$ Nitrobenzoylamino-8-naphthol-3:6-disulphonic acids, salts (BALABAN and KING), 3090.

$C_{17}H_{12}O_{12}N_2S_3$ *m*-Nitrobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, salts (BALABAN and KING), 3095.

$C_{17}H_{14}O_4NBr$ Piperonylidene-6-bromo-*β*-piperonylethylamine (STEVENS), 184.

$C_{17}H_{14}O_7N_2S_2$ Aminobenzoylnaphthylaminedisulphonic acids, and their salts (BALABAN and KING), 3079.

$C_{17}H_{14}O_9N_2S_2$ *m*-Aminobenzoylamino-8-naphthol-3:6-disulphonic acids, and their salts (BALABAN and KING), 3090.

$C_{17}H_{15}O_2NS$ Acetyl-4-keto-2-phenyltetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2745.

$C_{17}H_{15}O_3N_2Br_3$ *o*-Acetamidobenzoyl-*α*-acetyl-2:4-dibromophenylhydrazine (CHATTAWAY and WALKER), 331.

$C_{17}H_{15}O_6N_4Br$ 4-Bromo-2:3′:5′-trinitro-4′-piperidinodiphenyl (LE FÈVRE, MOIR, and TURNER), 2338.

$C_{17}H_{16}O_2N_2Br_2$ Glutaro-*p*-bromoanilide (BARNICOAT), 2928.

$C_{17}H_{16}O_2N_2S$ *s*-Di-*p*-acetylphenylthiocarbamide (DYSON, GEORGE, and HUNTER), 442.

$C_{17}H_{16}O_3NBr$ Benzoylmethylbromopiperonylethylamine (STEVENS), 185.

$C_{17}H_{16}O_3N_4S$ *s*-Di-*p*-acetamidophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 444.

$C_{17}H_{20}O_4N_2S$ *s*-Diethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 441.

1-*p*-Toluenesulphonyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxalines (GIBSON), 345.

$C_{17}H_{20}O_4N_2S$ *s*-Bisdimethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 441.

C_{18} Group.

$C_{18}H_{12}As_2$ Tri-*o*-phenylenediarsine (MCCLELAND and WHITWORTH), 2753.

$C_{18}H_{14}O_4$ Diacetoxyanthracenes (GREEN), 556.

ββ′-Diphenylmuconic acid (FARMER and DUFFIN), 411.

$C_{18}H_{14}O_6$ Diacetylflavopurpurin-anthranol (CROSS and PERKIN), 1304.

$C_{18}H_{16}O_2$ 4-Phenacyl-2-methyl-1:4-benzopyran (HEILBRON and HILL), 924.

$C_{18}H_{16}O_4$ *ββ′*-Diphenyl-$\Delta\beta$-dihydromuconic acids (FARMER and DUFFIN), 412.

$C_{18}H_{16}Br_2$ Dibromo-*aζ*-diphenylhexadiene (FARMER, LAROIA, SWITZ, and THORPE), 2955.

$C_{18}H_{16}Br_4$ Tetrabromo-$a\zeta$-diphenylhexatriene (FARMER, LAROIA, SWITZ, and THORPE), 2956.

$C_{18}H_{16}Br_6$ Hexabromo-$a\zeta$-diphenylhexatriene (FARMER, LAROIA, SWITZ, and THORPE), 2956.

$C_{18}H_{18}O_3$ 3-Methoxy-4-benzyloxystyryl methyl ketone (DICKINSON, HEILBRON, and IRVING), 1895.

$C_{18}H_{18}O_4$ *p*-Anisyl 4-hydroxy-2-methoxy-6-methylstyryl ketone (HIRST), 2495.

3:4:6:9-Tetramethoxyanthranol (MACMASTER and PERKIN), 1308.

$C_{18}H_{19}N$ Anhydromethyltetrahydroprotoberberine, and its hydrochloride (CHAKRAVARTI, HAWORTH, and PERKIN), 2280.

$C_{18}H_{20}O_2$ Diethylphenylhydroxyphthalan (BARNETT, COOK, and NIXON), 510.

$C_{18}H_{23}N$ Di(β-phenylethyl)dimethylamine, picrate of (HANHART and INGOLD), 1009.

$C_{18}H_{28}O_8$ Ethyl 2:3-dimethyl*cyclo*butane-1:1:4:4-tetracarboxylate (VOGEL), 1991.

$C_{18}H_{30}O_8$ Ethyl $\beta\gamma$-dimethylbutane-$aa\delta\delta$-tetracarboxylate (VOGEL), 1990.

$C_{18}H_{32}O_{16}$ Melezitose (LEITCH), 588.

$C_{18}H_{34}O_2$ Oleic acid, potassium hydrogen salt, crystalline (MCBAIN and STEWART), 1392.

18 III

$C_{18}H_{13}O_3As_2$ Tri-*o*-phenylenediarsine oxide (MCCLELAND and WHITWORTH), 2755.

$C_{18}H_{12}Br_4As_2$ Tri-*o*-phenylenediarsine tetrabromide (MCCLELAND and WHITWORTH), 2755.

$C_{18}H_{13}ON_3$ Rutæcarpine, synthesis of (ASAHINA, MANSKE, and ROBINSON), 1708.

$C_{18}H_{13}OAs$ 10-Phenylphenoxarsine (AESCHLIMANN), 415.

$C_{18}H_{13}O_2As$ 10-Phenylphenoxarsine oxide (AESCHLIMANN), 415.

$C_{18}H_{13}O_4Cl$ 4-Chloro-1:9-diacetoxyanthracene (GREEN), 2343.

$C_{18}H_{14}NAs$ 10-Phenyl-5:10-dihydrophenarsazine (AESCHLIMANN), 416.

$C_{18}H_{15}O_2Cl$ 4′-Chloro-2-methoxydistyryl ketone (HEILBRON and HILL), 923.

$C_{18}H_{15}O_4N$ 6:7-Methylenedioxy-2-piperonylmethyl-3:4-dihydro*iso*quinolinium hydroxide, picrate of (MALAN and ROBINSON), 2656.

$C_{18}H_{16}O_2N_4$ Anhydrodiketosuccinic acid tolylosazones (CHATTAWAY and HUMPHREY), 2795.

4:5-Diketo-1-tolylpyrazolinecarboxylic acid tolylhydrazones (CHATTAWAY and HUMPHREY), 2795.

$C_{18}H_{18}O_4As_2$ Phenylene-1:2-diphenylarsinic acid (MCCLELAND and WHITWORTH), 2754.

$C_{18}H_{17}O_2Cl$ 4′:7-Dimethoxy-2-phenyl-5-methylbenzopyrylium chloride (HIRST), 2494.

$C_{18}H_{17}O_4Cl$ 5:6:7-Trimethoxyflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3040.

$C_{18}H_{17}O_5Cl$ 5:7-Dihydroxy-6:4′-dimethoxy-4-methylflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3034.

7-Hydroxy-3:2′:4′-trimethoxyflavylium chloride (PRATT, ROBERTSON, and ROBINSON), 1982.

$C_{18}H_{17}O_5N$ *N*-Formylpiperonylmethyl-β-piperonylethylamine (MALAN and ROBINSON), 2656.

$C_{18}H_{18}O_4N_4$ Diketosuccinic acid tolylosazones (CHATTAWAY and HUMPHREY), 2795.

$C_{18}H_{19}O_3N$ 6-Methoxy-1-(3′-methoxybenzyl)-3:4-dihydro*iso*quinoline, and its picrate (CHAKRAVARTI, HAWORTH, and PERKIN), 2270.

$C_{18}H_{20}O_2N_6$ Diacetophenonehydrazidicarbohydrazone (BROWN, PICKERING, and WILSON), 111.

Dibenzoyl derivative of β-methyltrimethylenediamine (MANN), 2916.

$C_{18}H_{20}O_2N_2$ α-Phenylbutane-βγ-dione β-2:5-dimethoxyphenylhydrazone (MANSKE, PERKIN, and ROBINSON), 7.

$C_{18}H_{20}O_4N_2$ 4-Methoxy-*m*-oxalotoluidide (DADSWELL and KENNER), 585.

$C_{18}H_{20}NI$ Tetrahydroprotoberberine methiodides (CHAKRAVARTI, HAWORTH, and PERKIN), 2280.

$C_{18}H_{21}O_2N$ 6-Methoxy-1-(3′-methoxybenzyl)-1:2:3:4-tetrahydro*iso*quinoline, and its salts (CHAKRAVARTI, HAWORTH, and PERKIN), 2270.

$C_{18}H_{21}O_4N_3$ Diacetyl derivative of substance $C_{14}H_{18}ON_2$ (KRISHNAMURTI and DEY), 1351.

$C_{18}H_{23}ON$ β-Thujylideneacetanilide (HUGH and KON), 2598.

$C_{18}H_{31}ON_3$ Methyl*cyclo*hexanone δ-*d*-bornylsemicarbazones (GOODSON), 1999.

18 IV

$C_{18}H_{12}O_3N_4Cl_4$ Ethyl dichlorophenyldiketopyrazoline-3-carboxylate dichlorophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.

$C_{18}H_{12}O_3N_4Br_4$ Ethyl dibromophenyl-4:5-diketopyrazoline-3-carboxylate dibromophenylhydrazone (CHATTAWAY and HUMPHREY), 1326.

$C_{18}H_{15}OClSi$ Phenoxydiphenylsilicyl chloride, and its action with sodium (KIPPING), 2728.

$C_{18}H_{14}O_2N_4Cl_2$ Ethyl chlorophenyl-4:5-diketopyrazoline-3-carboxylate chlorophenylhydrazone (CHATTAWAY and HUMPHREY), 1328.

$C_{18}H_{14}O_2N_4Br_2$ Ethyl 1-*p*-bromophenyl-4:5-diketopyrazoline-3-carboxylate bromophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.

$C_{18}H_{16}O_4NBr$ 6:7-Methylenedioxy-2-piperonylmethyl-3:4-dihydro*iso*quinolinium bromide (MALAN and ROBINSON), 2656.

$C_{18}H_{18}O_2N_2Br_2$ Adipo-*p*-bromoanilide (BARNICOAT), 2928.

$C_{18}H_{19}O_2N_3S$ Benzaldehyde *S*-*o*-carbethoxybenzylthiosemicarbazone, and its hydrochloride (BAIRD, BURNS, and WILSON), 2530.

$C_{18}H_{20}O_2N_2S$ Thiodipropiondianilide (BENNETT and SCORAH), 196.

$C_{18}H_{20}O_6N_3As$ 3-*m*-Nitrobenzamido-4-piperidinophenylarsinic acid, and its salts (KING), 1054.

$C_{18}H_{22}O_4N_3As$ 3-*m*-Aminobenzamido-4-piperidinophenylarsinic acid, and its salts (KING), 1054.

$C_{18}H_{38}O_{16}N_{11}Co$ Aquopentamminocobaltic dinitrophenoxides (DUFF and BILLS), 2370.

$C_{18}H_{37}O_9N_8Co$ *p*-Nitrophenoxopentamminocobaltic *p*-nitrophenoxide (DUFF and BILLS), 2370.

18 V

$C_{18}H_{16}ON_2Cl_5Mo$ Diquinolinium molybdenyl pentachloride (JAMES and WARDLAW), 2148.

C_{19} Group.

$C_{19}H_{14}O_3$ 2-Phenyl-5-methyl-3:4-coumalo-6-benzopyran (HEILBRON and HILL), 924.

$C_{19}H_{14}O_4$ *iso*Benzanthragallol dimethyl ether (CROSS and PERKIN), 1303.
*iso*Benzflavopurpurin dimethyl ether (CROSS and BEVAN), 1306.

$C_{19}H_{16}O$ Benzhydryl phenyl ether (HEILBRON and HILL), 2011.

$C_{19}H_{18}O_5$ 9-Acetyl-3:4:6-trimethoxyanthranol (MACMASTER and PERKIN), 1309.

$C_{19}H_{18}O_7$ Quercetin tetramethyl ether (ATTREE and PERKIN), 239.

$C_{19}H_{20}O_5$ 3-Homoveratryl-7-methoxychromanone (PERKIN, RÂY, and ROBINSON), 2098.

$C_{19}H_{24}O_3$ Benzoyl-5-acetyl-1:3:3:4:4-pentamethyl*cyclo*pentan-1-ol (VOGEL), 599.

$C_{19}H_{30}O_{14}$ Tetracarbethoxymethylfructosides (ALLPRESS, HAWORTH, and INKSTER), 1235.

19 III

$C_{19}H_{14}O_3N_2$ Benzoyl-*o*-nitrodiphenylamine (CHAPMAN), 1748.

p-Nitrobenzoyldiphenylamine (CHAPMAN), 1749.

N-Phenylbenzimino-*p*-nitrophenyl ether (CHAPMAN), 1745.

$C_{19}H_{15}O_2N_3$ Benzenyl-*p*-nitrodiphenylamidine (CHEW and PYMAN), 2820.

$C_{19}H_{16}OS$ Dibenzylidenepenthianone (BENNETT and SCORAH), 199.

$C_{19}H_{16}O_2N_4$ 3:5-Dibenzeneazo-2:6-dimethylpyrone (MULLEN and CROWE), 1753.

$C_{19}H_{16}O_4N_2$ 6:7-Methylenedioxy-1-cyano-2-piperonylmethyl-1:2:3:4-tetrahydro*iso*quinoline (MALAN and ROBINSON), 2657.

$C_{19}H_{17}O_3N$ 3:11-Dimethoxyoxyprotoberberine (CHAKRAVARTI, HAWORTH, and PERKIN), 2273.

$C_{19}H_{17}O_4N_3$ Ethyl 1-phenyl-4-benzamido-5-ketopyrazoline-3-carboxylate (CHATTAWAY and HUMPHREY), 2136.

$C_{19}H_{18}O_3N_2$ 6-Nitro-9-benzoylhexahydrocarbazole (GURNEY and PLANT), 1321.

$C_{19}H_{18}O_3N_6$ *n*-Propyl 1-phenyl-4:5-diketopyrazoline-3-carboxylate 4-phenylhydrazone (CHATTAWAY and HUMPHREY), 2139.

$C_{19}H_{18}O_5Br_2$ Veratrylidene-7-methoxychromanone dibromide (PERKIN, RÂY, and ROBINSON), 2097.

$C_{19}H_{18}O_6N_2$ 6:7-Methylenedioxy-1-nitromethyl-2-piperonylmethyl-1:2:3:4-tetrahydro*iso*quinoline (MALAN and ROBINSON), 2657.

$C_{19}H_{18}O_8N_2$ Methyl di-*m*-nitrobenzylmalonate (BAKER and ECCLES), 2127.

$C_{19}H_{19}ON$ 9-Benzoyl-*trans*-hexahydrocarbazole (GURNEY, PERKIN, and PLANT), 2679.

$C_{19}H_{19}O_3N$ 3:11-Dimethoxydihydroprotoberberine, and its salts (CHAKRAVARTI, HAWORTH, and PERKIN), 2271.

$C_{19}H_{19}O_4Cl$ 5-Hydroxy-3:4′-dimethoxy-6:8-dimethylflavylium chloride (ROBERTSON and ROBINSON), 2204.

$C_{19}H_{19}O_5Cl$ 6-Hydroxy-5:7:4′-trimethoxy-4-methylflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3034.

5:6:7:4′-Tetramethoxyflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3037.

$C_{19}H_{19}O_6N$ 2-Carbomethoxyveratrylidenepiperonylmethylamine (MALAN and ROBINSON), 2655.

$C_{19}H_{21}O_2N$ 3:11-Dimethoxytetrahydroprotoberberine, and its salts (CHAKRAVARTI, HAWORTH, and PERKIN), 2271.

$C_{19}H_{21}O_3N_3$ 3-Methoxy-4-benzyloxystyryl methyl ketone semicarbazone (DICKINSON, HEILBRON, and IRVING), 1896.

$C_{19}H_{21}O_3N_5$ Di-*p*-tolylformazylcarboxylic acid urethane (WHITELEY and YAPP), 526.

$C_{19}H_{22}O_2N_2$ Glutarotoluidides (BARNICOAT), 2928.

$C_{19}H_{22}O_6N_2$ Veratrylidenemethoxychromanone oxamino-oxime (PERKIN, RÂY, and ROBINSON), 2097.

19 IV

$C_{19}H_8O_2NCl_7$ Heptachloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2859.

$C_{19}H_9ONCl_6$ *N*-2:4:6-Trichlorophenylbenzimino-2:4:6-trichlorophenyl ether (CHAPMAN), 1747.

$C_{19}H_9O_2NCl_6$ Hexachloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2858.

$C_{19}H_{10}O_2NCl_5$ 2:6:2′:4′:6′-Pentachloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.

$C_{19}H_{10}O_2NBr_5$ Pentabromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2861.

$C_{19}H_{11}O_2NCl_4$ 2:6:2′:4-Tetrachloro-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.

$C_{19}H_{12}ONCl_3$ Benzoyl-2:4:6-trichlorodiphenylamine (CHAPMAN), 1748.
N-2:4:6-Trichlorophenylbenziminophenyl ether (CHAPMAN), 1747.
$C_{19}H_{13}O_3NCl_2$ 2:2′:4′-Trichloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.
$C_{19}H_{13}ONCl_2$ Benzoyl-2:4-dichlorodiphenylamine (CHAPMAN), 1748.
3:5-Dichloro-2-benzamidodiphenyl (SCARBOROUGH and WATERS), 92.
N-2:4-Dichlorophenylbenziminophenyl ether (CHAPMAN), 1747.
$C_{19}H_{13}ONBr_2$ 3:5-Dibromo-2-benzamidodiphenyl (SCARBOROUGH and WATERS), 95.
$C_{19}H_{13}O_4N_2Br$ *aγ*-Diphthalimido*iso*propyl bromide (MANN), 2912.
$C_{19}H_{14}ONCl$ 5-Chloro-2-benzamidodiphenyl (SCARBOROUGH and WATERS), 93.
Chlorobenzoyldiphenylamines (CHAPMAN), 1748.
Chlorophenylbenziminophenyl ethers (CHAPMAN), 1746.
$C_{19}H_{14}ONBr$ 5-Bromo-2-benzamidodiphenyl (SCARBOROUGH and WATERS), 94.
$C_{19}H_{14}O_3NCl$ 4′-Chloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2856.
$C_{19}H_{14}O_3NBr$ 4′-Bromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2860.
$C_{19}H_{16}OIAs$ 10-Phenyl-10-methylphenoxarsonium iodide (AESCHLIMANN), 415.
$C_{19}H_{16}O_5NBr$ 6′-Bromo-5:6-dimethoxy-3′:4′-methylenedioxy-1-benzoyl-3:4-dihydro*iso*quinoline (HAWORTH), 2284.
$C_{19}H_{17}O_2N_2I$ 2:2′-Dimethyloxacarbocyanine iodide (HAMER), 2803.
$C_{19}H_{17}NIAs$ 10-Phenyl-10-methyl-5:10-dihydrophenarsazonium iodide (AESCHLIMANN), 416.
$C_{19}H_{17}N_2IS_2$ 2:2′-Dimethylthiocarbocyanine iodide (HAMER), 2802.
$C_{19}H_{18}ONBr$ 6-Bromo-9-benzoylhexahydrocarbazole (GURNEY and PLANT), 1322.
$C_{19}H_{18}O_2NCl$ 3:11-Dimethoxyprotoberberinium chloride (CHAKRAVARTI, HAWORTH, and PERKIN), 2272.
$C_{19}H_{18}O_2NI$ 3:11-Dimethoxyprotoberberinium iodide (CHAKRAVARTI, HAWORTH, and PERKIN), 2272.
$C_{19}H_{18}O_4NBr$ 6′-Bromo-5:6-dimethoxy-3′:4′-methylenedioxy-1 benzyl-3:4-dihydro-*iso*quinoline (HAWORTH), 2284.
$C_{19}H_{20}O_2N_2Br_2$ Pimelo-*p*-bromoanilide (BARNICOAT), 2928.
$C_{19}H_{20}O_4N_2S$ *s*-Dicarbethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 442.
$C_{19}H_{20}O_5BrN$ 6′-Bromo-3′:4′-methylenedioxyphenylaceto-*β*-2:3-dimethoxyphenylethylamide (HAWORTH), 2284.

19 V

$C_{19}H_8O_2NCl_3Br_4$ Trichlorotetrabromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2864.
$C_{19}H_{10}ONCl_3Br_2$ Trichlorodibromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.
$C_{19}H_{10}O_2NCl_3Br_3$ Dichlorotribromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.
$C_{19}H_{10}O_2NCl_7S$ Heptachlorobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2859.
$C_{19}H_{11}O_2NCl_3Br$ Trichlorobromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2863.
$C_{19}H_{11}O_3NCl_4S$ Hexachloro-4-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2858.
$C_{19}H_{13}O_3NBr_3S$ Pentabromo-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2860.
$C_{19}H_{13}O_3NCl_5S$ 2:6:2′:4′:6′-Pentachloro-4-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.

$C_{19}H_{13}O_3NCl_4S$ 2:6:2′14′-Tetrachloro-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.

$C_{19}H_{14}O_3NCl_3S$ 2:2′:4′-Trichloro-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.

$C_{19}H_{14}O_3NBr_3S$ Tribromo-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2860.

$C_{19}H_{16}O_2NBrS$ 4′-Bromo-4-*p*-toluenesulphonamidodiphenyl (BELL and ROBINSON), 1131.

19 VI

$C_{19}H_{12}O_3NCl_2Br_2S$ Dichlorotribromo-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.

$C_{19}H_{12}O_3NCl_3Br_2S$ Trichlorodibromo-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.

$C_{19}H_{13}O_3NCl_3BrS$ Trichlorobromosulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2863.

C_{20} Group.

$C_{20}H_{16}O_4$ Benzanthrapurpurin trimethyl ether (CROSS and PERKIN), 1302.

$C_{20}H_{18}O$ Benzhydryl *p*-tolyl ether (HEILBRON and HILL), 2011.

$C_{20}H_{26}S$ Di-*α*-phenylbutyl sulphide (EVANS, MABBOTT, and TURNER), 1167.

$C_{20}H_{32}O_{14}$ Tetracarbethoxy *γ*-ethylfructoside (ALLPRESS, HAWORTH, and INKSTER), 1236.

$C_{20}H_{38}O_{13}$ 2:3:4:5-Tetramethylgluconic acid (HAWORTH, LOACH, and LONG), 3154.

$C_{20}H_{40}O_2$ Acid, from oxidation of *n*-triacontane (FRANCIS and WOOD), 1900.

20 III

$C_{20}H_{10}O_8N_6$ 2:3-Di(3′:5′-dinitrophenyl)quinoxaline (CHATTAWAY and COULSON), 579.

$C_{20}H_{12}O_4N_4$ 2:3-Di(3′-nitrophenyl)quinoxaline (CHATTAWAY and COULSON), 578.

$C_{20}H_{12}O_8N_6$ 3:5:3′:5′-Tetranitrobenzil phenylhydrazone (CHATTAWAY and COULSON), 579.

$C_{20}H_{13}O_2N$ 4-Phthalimidodiphenyl (SCARBOROUGH and WATERS), 1140.

$C_{20}H_{14}O_5N_4$ 3:3′-Dinitrobenzil phenylhydrazone (CHATTAWAY and COULSON), 578.

$C_{20}H_{16}O_3N_2$ 2-Acetyl-3-*β*-phthalimidoethylindole (MANSKE, PERKIN, and ROBINSON), 11.

$C_{20}H_{16}O_4N_2$ *αγ*-Diphthalimido-*β*-methylpropane (MANN), 2915.

$C_{20}H_{17}O_2N$ *N*-Phenylbenziminoanisyl ethers (CHAPMAN), 1745.

Benzoylmethoxydiphenylamines (CHAPMAN), 1748.

$C_{20}H_{17}O_2N_3$ Benzenylmethyl-*p*-nitrophenylamidophenylimidine, and its salts (CHEW and PYMAN), 2321.

$C_{20}H_{17}O_2Cl$ 3-*o*-Hydroxyphenyl-5-chlorostyryl-Δ^5-*cyclo*hexen-1-ones (HEILBRON and HILL), 922.

$C_{20}H_{19}O_3N$ Anhydromethyl-3:11-dimethoxytetrahydroprotoberberine, and its hydrochloride (CHAKRAVARTI, HAWORTH, and PERKIN), 2274.

$C_{20}H_{19}O_3N_3$ *ζ*-Phthalimidohexane-*βγ*-dione *γ*-phenylhydrazone (MANSKE, PERKIN, and ROBINSON), 9.

$C_{20}H_{20}O_3N_4$ *n*-Butyl 1-phenyl-4:5-diketopyrazoline-3-carboxylate 4-phenylhydrazone (CHATTAWAY and HUMPHREY), 2139.

Ethyl 4:5-diketo-1-tolylpyrazolinecarboxylate tolylhydrazones (CHATTAWAY and HUMPHREY), 2796.

$C_{20}H_{20}O_4N_2$ *N*-Methyl-*N*-*β*-piperonylethyl-6-aminomethylhomopiperonylonitrile (STEVENS), 182.

$C_{20}H_{20}O_7N_2$ Ethyl bis-*p*-nitrobenzylacetoacetate (BURGESS), 2019.

$C_{20}H_{21}O_4N_3$ ζ-*o*-Carboxybenzamidohexane-βγ-dione γ-phenylhydrazone (MANSKE, PERKIN, and ROBINSON), 8.

$C_{20}H_{21}O_5Cl$ 5:6:7:4′-Tetramethoxy-4-methylflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3035.

$C_{20}H_{21}O_6N$ *N*-Methyl-*N*-β-piperonylethyl-6-aminomethylhomopiperonylic acid (STEVENS), 187.

$C_{20}H_{22}O_5N_2$ *N*-Methyl-*N*-β-piperonylethyl-6-aminomethylhomopiperonylamide (STEVENS), 183.

$C_{20}H_{24}O_2N_2$ Adipotoluidides (BARNICOAT), 2928.

$C_{20}H_{26}O_2S$ γγ′-Dibenzyloxydipropyl sulphide (BENNETT and HOCK), 480.

$C_{20}H_{26}O_3S$ Menthyl naphthalenesulphonates, rotation and decomposition of (PATTERSON and MCALPINE), 353.

$C_{20}H_{26}NI$ 4-Phenyl-1-benzyl-1-ethylpiperidinium iodides (MILLS, PARKIN, and WARD), 2621.

20 IV

$C_{20}H_{15}O_2N_2Bi$ Triphenylbismuthine dicyanate (CHALLENGER and WILSON), 211.

$C_{20}H_{15}O_2N_2Sb$ Triphenylstibine dicyanate (CHALLENGER and WILSON), 211.

$C_{20}H_{16}O_3N_4Br_4$ *n*-Butyl dibromophenyl-4:5-diketopyrazoline-3-carboxylate dibromophenylhydrazone (CHATTAWAY and HUMPHREY), 1326.

$C_{20}H_{16}O_8N_2Be$ Beryllium nitrobenzoylacetones (BURGESS), 2018.

$C_{20}H_{16}O_4N_2S$ 3-Nitro-4-*p*-toluenesulphonmethylamidodiphenyl (BELL and ROBINSON), 1129.

$C_{20}H_{18}O_4N_4Br_4$ Ethyl diketosuccinate 2:4-dibromophenylosazone (CHATTAWAY and HUMPHREY), 1326.

$C_{20}H_{19}O_4N_2Br$ *N*-Methyl-*N*-6′-bromo-β-piperonylethyl-6-aminomethylhomopiperonylonitrile, and its salts (STEVENS), 185.

$C_{20}H_{20}O_4N_2Cl$ ζ-*o*-Carboxybenzamidohexane-βγ-dione γ-*m*-chlorophenylhydrazone (MANSKE, PERKIN, and ROBINSON), 10.

$C_{20}H_{22}O_2N_2Br_2$ Subero-*p*-bromoanilide (BARNICOAT), 2928.

$C_{20}H_{23}O_5Cl_4Fe$ 5-Hydroxy-3:3′:4′-trimethoxy-6:8-dimethylflavylium ferrichloride (ROBERTSON and ROBINSON), 2204.

$C_{20}H_{24}O_2NCl$ 3:11-Dimethoxytetrahydroprotoberberine methochlorides (CHAKRAVARTI, HAWORTH, and PERKIN), 2274.

$C_{20}H_{24}O_2NI$ 3:11-Dimethoxytetrahydroprotoberberine methiodides (CHAKRAVARTI, HAWORTH, and PERKIN), 2273.

20 V

$C_{20}H_{12}O_6N_2S_2Na_2$ Sodium 4-sulpho-α-naphthalenecazo-β-naphthyl sulphite (KING), 2644.

$C_{20}H_{20}O_4N_4Br_6S_2$ 1-Amino-5-carbethoxybenzthiazole tribromide (DYSON, HUNTER, and MORRIS), 1190.

C_{21} Group.

$C_{21}H_{12}O_5$ Benzoylalizarin (GREEN), 2931.

$C_{21}H_{14}O_2$ Benzo-β-naphtha*spiro*pyran (DICKINSON and HEILBRON), 1702.

$C_{21}H_{14}O_5$ 2:5-Dihydroxybenzaldehyde dibenzoate (HODGSON and BEARD), 2340.

$C_{21}H_{14}O_6$ Diacetyl*iso*benzanthragallol (CROSS and PERKIN), 1302.
Diacetyl*iso*benzflavopurpurin (CROSS and PERKIN), 1305.

$C_{21}H_{14}Cl_2$ 1:5-Dichloro-9-phenyl-10-methylene-9:10-dihydroanthracene (BARNETT, COOK, and WILTSHIRE), 1731.

$C_{21}H_{16}O_2$ 4-Hydroxy-2:2-diphenyl-Δ^3-chromen (HEILBRON and HILL), 2010.

$C_{21}H_{16}N_2$ Amino-2:4-diphenylquinolines (FAWCETT and ROBINSON), 2258.

$C_{21}H_{16}O_3$ 2-Benzoyldi-*p*-tolyl ether (REILLY and DRUMM), 2818.

$C_{21}H_{20}O_6$ Acetylquercetin tetramethyl ether (ATTREE and PERKIN), 239.

$C_{21}H_{20}O_{10}$ *iso*Quercitrin (ATTREE and PERKIN), 237.
$C_{21}H_{20}O_{12}$ Quercimeritrin (ATTREE and PERKIN), 237.
$C_{21}H_{24}O_{12}$ 4-*O*-Tetra-acetylglucosidoxy-2-hydroxybenzaldehyde (ROBERTSON and ROBINSON), 245.
$C_{21}H_{32}O_{11}$ Ethyl $a\beta\beta'$-tricarbethoxy*iso*butyrylsuccinate (ROBINSON and ZAKI), 2413.
$C_{21}H_{40}O_{11}$ Methyl octamethyl cellobionate (HAWORTH, LONG, and PLANT), 2813.
Methyl octamethyl-lactobionate (HAWORTH and LONG), 547.

21 III

$C_{21}H_{15}OCl$ 2-Styryl-β-naphthapyrylium chloride (DICKINSON and HEILBRON), 18.
$C_{21}H_{15}O_2Cl$ 3-*p*-Hydroxystyryl-β-naphthapyrylium chloride ($+ 2H_2O$) (DICKINSON and HEILBRON), 18.
$C_{21}H_{15}O_3Cl$ 2-Chlorostyryl-5-methyl-3:4-coumalo-6-benzopyrans (HEILBRON and HILL), 921.
$C_{21}H_{17}O_2N$ Benzoyl-*p*-acetyldiphenylamine (CHAPMAN), 1748.
N-Phenylbenziminoacetylphenyl ethers (CHAPMAN), 1746.
$C_{21}H_{17}N_2Br_3$ *o*-Bromobenzylidene di-*o*-bromobenzylhydrazine (KENNER and WILSON), 1111.
$C_{21}H_{13}O_3N_4$ $\omega\omega$-Dichloro-5-carboxy-2-hydroxyacetophenone osazone (CHATTAWAY and PRATS), 691.
$C_{21}H_{18}O_4N_2$ 6-Methoxy-2-acetyl-3-β-phthalimidoethylindole (MANSKE, PERKIN, and ROBINSON), 13.
$C_{21}H_{18}N_2Br_2$ Benzylidenedi-*o*-bromobenzylhydrazine (KENNER and WILSON), 1111.
$C_{21}H_{19}O_2N$ 3-Benzoylaminodi-*p*-tolyl ether (REILLY and BARRETT), 1400.
$C_{21}H_{21}O_4N_3$ ζ-Phthalimidohexane-$\beta\gamma$-dione γ-*m*-methoxyphenylhydrazone (MANSKE, PERKIN, and ROBINSON), 12.
$C_{21}H_{21}O_5N$ Oxypalmatine (HAWORTH, KOEPFLI, and PERKIN), 553.
$C_{21}H_{21}O_9Cl$ 3-β-Glucosidoxy-7-hydroxyflavylium chloride (ROBERTSON and ROBINSON), 244.
$C_{21}H_{22}O_2N_2$ Normethylstrychnine (CLEMO, PERKIN, and ROBINSON), 1624.
Strychnine (OXFORD, PERKIN, and ROBINSON), 2380.
$C_{21}H_{22}O_5Br_4$ 3:3′:4:4′-Tetramethoxydistyryl ketone tetrabromide (DICKINSON, HEILBRON, and IRVING), 1892.
$C_{21}H_{23}O_3N_3$ ζ-*o*-Carboxybenzamidohexane-$\beta\gamma$-dione β-*m*-methoxyphenylhydrazone (MANSKE, PERKIN, and ROBINSON), 12.
$C_{21}H_{24}ON_2$ *iso*Strychnidine (OXFORD, PERKIN, and ROBINSON), 2404.
$C_{21}H_{24}O_2N_2$ Dihydrostrychnines (OXFORD, PERKIN, and ROBINSON), 2393.
$C_{21}H_{24}O_3N_2$ Strychnidone (CLEMO, PERKIN, and ROBINSON), 1613.
*allo*Strychnidone (CLEMO, PERKIN, and ROBINSON), 1615.
$C_{21}H_{25}ON_3$ Aminostrychnidine (OXFORD, PERKIN, and ROBINSON), 2408.
$C_{21}H_{25}O_3N_3$ Strychnidone oxime (CLEMO, PERKIN, and ROBINSON), 1614.
$C_{21}H_{25}O_4N$ Tetrahydropalmatine (HAWORTH, KOEPFLI, and PERKIN), 553.
$C_{21}H_{23}O_5N$ 3:11-Dimethoxytetrahydroprotoberberine methocarbonate (CHAKRAVARTI, HAWORTH, and PERKIN), 2274.
$C_{21}H_{26}ON_2$ Dihydrostrychnidines (OXFORD, PERKIN, and ROBINSON), 2399.
$C_{21}H_{26}O_2N_2$ Pimelotoluidides (BARNICOAT), 2928.
Tetrahydrostrychnine (CLEMO, PERKIN, and ROBINSON), 1600.
$C_{21}H_{28}O_4N_2$ Anhydromethoxymethylstrychnidonic acid (CLEMO, PERKIN, and ROBINSON), 1616.
Dioxyhydroxydihydrostrychnidine (OXFORD, PERKIN, and ROBINSON), 2407.
$C_{21}H_{28}O_2N_2$ Hexahydrostrychnine (OXFORD, PERKIN, and ROBINSON), 2403.

$C_{21}H_{28}O_5N_2$ Dioxyhydroxyhexahydrostrychnine (Oxford, Perkin, and Robinson), 2407.

Methoxymethylstrychnidonic acid (Clemo, Perkin, and Robinson), 1616.

$C_{21}H_{31}O_4N_5$ 2:4-Dinitro-1:3:5-tripiperidinobenzene (Le Fèvre and Turner), 1119.

$C_{21}H_{33}ON_3$ *iso*Pulegone δ-*d*-bornylsemicarbazone (Goodson), 1998.

21 IV

$C_{21}H_{16}O_{13}N_2S_4$ *s*-Carbamides of naphthylaminedisulphonic acids, sodium salts (Balaban and King), 3086.

$C_{21}H_{16}O_{15}N_2S_4$ *s*-Carbamide of 2:8-aminonaphthol-3:6-disulphonic acid, salts (Balaban and King), 3094.

$C_{21}H_{21}O_2N_2I$ 2:2′-Diethyloxacarbocyanine iodide (Hamer), 2803.

$C_{21}H_{21}N_2IS_2$ 2:2′-Diethylthiocarbocyanine iodide (Hamer), 2802.

$C_{21}H_{24}O_2N_2Br_2$ Azelo-*p*-bromoanilide (Barnicoat), 2928.

$C_{21}H_{25}ON_2I$ Strychnidine hydriodide (Clemo, Perkin, and Robinson), 1600.

$C_{21}H_{29}O_4NS$ Benzenesulphonngaiylamide (McDowall), 738.

C_{22} Group.

$C_{22}H_{16}O_2$ Methylbenzo-β-naphtha*spiro*pyrans (Dickinson and Heilbron), 1702.

$C_{22}H_{16}Cl_2$ 1:5-Dichloro-9-phenyl-10-ethylidene-9:10-dihydroanthracene (Barnett, Cook, and Wiltshire), 1731.

$C_{22}H_{18}O$ 2:2-Diphenylmethyl-Δ^3-chromens (Heilbron and Hill), 2010.

$C_{22}H_{18}O_2$ 4-Methoxy-2:2-diphenyl-Δ^3-chromen (Heilbron and Hill), 2010.

$C_{22}H_{18}O_4$ 2-*o*-Carboxybenzoyldi-*p*-tolyl ether and its silver salt (Reilly and Drumm), 2816.

$C_{22}H_{18}O_8$ Tetra-acetylflavopurpurin-anthranol (Cross and Perkin), 1305.

$C_{22}H_{18}N_2$ 8-Methoxy-2:3-diphenyl-5-methylquinoxaline (Dadswell and Kenner), 583.

$C_{22}H_{20}O_2$ 2:4-Diphenyl-3-methylchroman-2-ol (Heilbron and Hill), 2012.

Ethyl triphenylmethane-*o*-carboxylate (Barnett, Cook, and Nixon), 507.

$C_{22}H_{22}O$ Diphenyl-*o*-tolyl carbinyl ethyl ether (Boyd and Hatt), 906.

$C_{22}H_{22}O_4$ Ethyl ββ′-diphenylmuconate (Farmer and Duffin), 411.

$C_{22}H_{26}O_{11}$ ω-*O*-Tetra-acetyl-β-glucosidoxyacetophenone (Robertson and Robinson), 243.

$C_{22}H_{42}O_2$ *iso*Erucic acid, and its zinc salt (Mirchandani and Simonsen), 371.

22 III

$C_{22}H_{15}O_3Cl$ 3-3′:4′-Methylenedioxystyryl-β-naphthapyrylium chloride (Dickinson and Heilbron), 19.

$C_{22}H_{16}N_4S$ Di-β-naphthyliminotetrahydrothiodiazole (Baird, Burns, and Wilson), 2533.

$C_{22}H_{17}O_3Cl$ 3-*p*-Methoxystyryl-β-naphthapyrylium chloride (Dickinson and Heilbron), 18.

$C_{22}H_{17}O_3Cl$ 3-3′-Methoxy-4′-hydroxystyryl-β-naphthapyrylium chloride (+ $2H_2O$) (Dickinson and Heilbron), 18.

$C_{22}H_{18}O_8N_4$ Ethyl αβ-di-*p*-nitrophenyl-αβ-dicyanosuccinate (Fairbourne and Fawson), 49.

$C_{22}H_{18}N_4S_2$ Hydrazinedithiocarbo-β-naphthylamide (Baird, Burns, and Wilson), 2533.

$C_{22}H_{23}O_8Cu$ Copper hydroxymethyleneacetoveratrone (Pratt, Robertson, and Robinson), 1981.

$C_{22}H_{23}O_{10}Cl$ 4′-β-Glucosidoxy-5:7-dihydroxy-3-methoxyflavylium chloride (Robertson and Robinson), 1714.

$C_{22}H_{24}O_{22}N_2$ 4:4:5-Trimethyl-Δ^5-*cyclo*pentene-1:3-dicarbanilides (BHAGVAT and SIMONSEN), 85.

$C_{22}H_{25}O_6N_5$ 2:5:3′-Trinitro-4:4′-dipiperidinodiphenyl (LE FÈVRE, MOIR, and TURNER), 2338.

$C_{22}H_{26}ON_2$ Methyl-ψ-strychnidine, and its salts (CLEMO, PERKIN, and ROBINSON), 1603.

$C_{22}H_{27}O_4N$ Anhydromethyltetrahydropalmatines (HAWORTH, KOEPFLI, and PERKIN), 2264.

$C_{22}H_{27}O_5N$ Cryptopalmatine, and its hydrochloride (HAWORTH, KOEPFLI, and PERKIN), 2264.

$C_{22}H_{27}O_7N$ Methyl N-β-veratrylethyl-3:4-dimethoxyhomophthalamate (HAWORTH, KOEPFLI, and PERKIN), 552.

$C_{22}H_{28}ON_2$ Methyldihydrostrychnidine, and its salts (CLEMO, PERKIN, and ROBINSON), 1621; (OXFORD, PERKIN, and ROBINSON), 2402.

$C_{22}H_{28}O_2N_2$ Subero-*o*-toluidide (BARNICOAT), 2928.

$C_{22}H_{28}O_4N_2$ Akuammine, and its salts (HENRY and SHARP), 1954.

22 IV

$C_{22}H_{16}O_5N_6Cl_4$ ωω-Dichloro-3:5-dinitro-2-ethoxyacetophenone osazone (CHATTAWAY and MORRIS), 2016.

$C_{22}H_{25}O_2N_2Br$ Strychnine methobromide (CLEMO, PERKIN, and ROBINSON), 1599.

$C_{22}H_{25}O_2N_2I$ Normethylstrychnine methiodide (CLEMO, PERKIN, and ROBINSON), 1625.

$C_{22}H_{26}O_3N_2Br_2$ Sebaco-*p*-bromoanilide (BARNICOAT), 2928.

$C_{22}H_{26}O_6N_4S$ 3:3′-Dinitro-4:4′-dipiperidinodiphenylsulphone (LE FÈVRE and TURNER), 1117.

$C_{22}H_{27}ON_2Cl$ Methyl*neo*strychnidinium chloride (CLEMO, PERKIN, and ROBINSON), 1611.

Strychnidine methochloride (CLEMO, PERKIN, and ROBINSON), 1601.

$C_{22}H_{27}ON_2Br$ Strychnidine methobromide (CLEMO, PERKIN, and ROBINSON), 1601.

$C_{22}H_{27}ON_2I$ Methyl*neo*strychnidinium iodide (CLEMO, PERKIN, and ROBINSON), 1611.

$C_{22}H_{27}O_2N_2I$ Dihydrostrychnine methiodides (OXFORD, PERKIN, and ROBINSON), 2395.

$C_{22}H_{27}O_{16}N_{10}Co$ Aquo-2:4-dinitrophenoxobisethylene diamminocobaltic 2:4-dinitrophenoxide (DUFF and BILLS), 2374.

$C_{22}H_{28}O_4NCl$ Tetrahydropalmatine methochlorides (HAWORTH, KOEPFLI, and PERKIN), 2263.

$C_{22}H_{28}O_4NI$ Tetrahydropalmatine methiodides (HAWORTH, KOEPFLI, and PERKIN), 2263.

$C_{22}H_{29}ON_2Cl$ Dihydrostrychnidine methochloride (OXFORD, PERKIN, and ROBINSON), 2401.

Methyl*neo*dihydrostrychnidinium chloride (CLEMO, PERKIN, and ROBINSON), 1623.

$C_{22}H_{29}ON_2I$ Dihydrostrychnidine methiodide (OXFORD, PERKIN, and ROBINSON), 2400.

Methyl*neo*dihydrostrychnidinium iodide (CLEMO, PERKIN, and ROBINSON), 1623.

$C_{22}H_{30}O_{10}N_7Co$ Aquo-*p*-nitrophenoxobisethylenediamminocobaltic *p*-nitrophenoxide (DUFF and BILLS), 2373.

C_{23} Group.

$C_{23}H_{16}O_7$ Triacetylbenzanthrapurpurin (CROSS and PERKIN), 1301.

$C_{23}H_{16}N_2$ 5:6-(2′:3′-Diphenylpyrrolo)(4′:5′)-quinoline, and its salts (FAWCETT and ROBINSON), 2256.

$C_{23}H_{18}O_2$ 1:2-Dibenzoyloxy-3-allylbenzene (PERKIN and TRIKOJUS), 1665.

$C_{23}H_{18}Cl_2$ 1:5-Dichloro-9-phenyl-10-propylanthracenes (BARNETT, COOK, and WILTSHIRE), 1731.

1:5-Dichloro-9-phenyl-10-propylidene-9:10-dihydroanthracene (BARNETT, COOK, and WILTSHIRE), 1731.

$C_{23}H_{20}O$ 2:2-Diphenyldimethyl-Δ^3-chromens (HEILBRON and HILL), 2011.

$C_{23}H_{22}O_2$ Diphenyl-2-hydroxy-β:4-dimethylstyrylcarbinol (HEILBRON and HILL), 2011.

$C_{23}H_{22}O_9$ *O*-Triacetyldihydrocarajurinol (CHAPMAN, PERKIN, and ROBINSON), 3024.

$C_{23}H_{26}O_5$ 3:3′-Dimethoxy-4:4′-diethoxydistyryl ketone (DICKINSON, HEILBRON, and IRVING), 1894.

$C_{23}H_{44}O_2$ Methyl *iso*erucate (MIRCHANDANI and SIMONSEN), 375.

23 III

$C_{23}H_{17}ON$ *N*-Phenylbenziminonaphthyl ethers (CHAPMAN), 1745.

$C_{23}H_{17}ON_3$ 9-Methylcarbazole-3-azo-β-naphthol (BURTON and GIBSON), 2386.

$C_{23}H_{17}O_5Cl$ *O*-Benzoylacacetinidin chloride (+ H_2O) (PRATT, ROBERTSON, and ROBINSON), 1978.

$C_{23}H_{19}O_3Cl$ 3-3′:4′-Dimethoxystyryl-β-naphthapyrylium chloride (DICKINSON and HEILBRON), 19.

$C_{23}H_{20}O_6N_4$ Ethyl dibenzeneazochelidonate (MULLEN and CROWE), 1752.

$C_{23}H_{21}O_4Cl$ Ethyl 3-*o*-hydroxyphenyl-5-chlorostyryl-Δ^5-*cyclo*hexen-1-one-2-carboxylates (HEILBRON and HILL), 921.

$C_{23}H_{21}N_2I$ 1:1′-Dimethyl-4:4′-carbocyanine iodide (HAMER), 2801.

$C_{23}H_{22}O_7N_2$ Ethyl dibenzeneazoacetonedioxalate (MULLEN and CROWE), 1752.

$C_{23}H_{24}O_3N_2$ *O*-Acetyl*iso*strychnine (OXFORD, PERKIN, and ROBINSON), 2396.

$C_{23}H_{26}O_2N_2$ *O*-Acetyldihydro*iso*strychnine (OXFORD, PERKIN, and ROBINSON), 2398.

$C_{23}H_{26}O_4N_2$ Brucine methohydrogencarbonate (GULLAND, PERKIN, and ROBINSON), 1635.

$C_{23}H_{26}O_3N_2$ Brucidine and its salts (GULLAND, PERKIN, and ROBINSON), 1636.

$C_{23}H_{28}O_4N_4$ 3:3′-Dinitro-4:4′-dipiperidinodiphenylmethane (LE FÈVRE and TURNER), 1120.

$C_{23}H_{30}O_5N_2$ Tetrahydrobrucine nitrosoamine, and its hydrochloride (GULLAND, PERKIN, and ROBINSON), 1639.

$C_{23}H_{30}O_2N_2$ Azelotoluidides (BARNICOAT), 2928.

Methoxymethyldihydrostrychnidine (CLEMO, PERKIN, and ROBINSON), 1602.

n-Nonanedicarboxyanilide (BARNICOAT), 2928.

$C_{23}H_{30}O_3N_2$ Oxymethoxymethyl dihydrostrychnidines (CLEMO, PERKIN, and ROBINSON), 1604.

$C_{23}H_{30}O_3N_6$ Strychnidone disemicarbazone (CLEMO, PERKIN, and ROBINSON), 1614.

$C_{23}H_{30}O_4N_2$ Tetrahydrobrucine, and its salts (GULLAND, PERKIN, and ROBINSON), 1638.

$C_{23}H_{32}O_2N_2$ Methoxymethyltetrahydrostrychnidine, and its salts (CLEMO, PERKIN, and ROBINSON), 1617.

23 IV

$C_{23}H_{21}N_2BrS_2$ 2:2′-Diallylthiocarbocyanine bromide (HAMER), 2802.

$C_{23}H_{23}O_3N_3S$ 4-*p*-Sulphobenzeneazobenzyl-*n*-butylaniline, and its sodium salt (REILLY and DRUMM), 1396.

$C_{23}H_{23}O_3N_2Br_2$ *n*-Nonanedicarboxy-*p*-bromoanilide (BARNICOAT), 2928.

$C_{23}H_{28}O_6N_2S$ Strychnine methosulphate (CLEMO, PERKIN, and ROBINSON), 1599.

$C_{23}H_{29}ON_2I$ Methyl-ψ-strychnidine methiodide (CLEMO, PERKIN, and ROBINSON), 1610.

$C_{23}H_{30}O_5N_2S$ Strychnidine methosulphate (CLEMO, PERKIN, and ROBINSON), 1600.

*iso*Strychnidine methosulphate (OXFORD, PERKIN, and ROBINSON), 2405.

$C_{23}H_{30}O_6N_2S$ Dihydrostrychnine methosulphates (OXFORD, PERKIN, and ROBINSON), 2394.

$C_{23}H_{32}ON_2I_2$ Dihydrostrychnidine dimethiodide (OXFORD, PERKIN, and ROBINSON), 2402.

$C_{23}H_{32}O_5N_2S$ Dihydrostrychnidine methosulphate (OXFORD, PERKIN, and ROBINSON), 2400.

$C_{23}H_{32}O_7N_4AS_2$ *s*-Carbamido-3-amino-4-piperidinophenylarsinic acid, and its magnesium salt (KING), 1054.

C_{24} Group.

$C_{24}H_{16}N_2$ Substance, from oxidation of carbazole (MCLINTOCK and TUCKER), 1221.

$C_{24}H_{18}N_2$ 6-Methoxyphenacylideneflavene (IRVINE and ROBINSON), 2093.

$C_{24}H_{22}O_4$ 2-Hydroxy-5-methoxybenzylidenediacetophenone (IRVINE and ROBINSON), 2088.

4-Methoxy-2:2-dianisyl-Δ^3-chromen (HEILBRON and HILL), 2010.

$C_{24}H_{26}N_6$ 3-*mp*-Dimethoxyphenyl-5-*mp*-dimethoxystyryl-Δ^5-*cyclo*hexen-1-one (DICKINSON, HEILBRON, and IRVING), 1892.

$C_{24}H_{26}N_2$ 6β-*pp'*-Tetramethyldiaminodiphenylstyrene and its dihydrochloride (RODD and LINCH), 2185.

$C_{24}H_{28}O_6$ 3:4-Dimethoxystyryl methyl ketone, dimeride (DICKINSON, HEILBRON, and IRVING), 1893.

$C_{24}H_{29}N_3$ *pp'*-Tetramethyldiaminodiphenyl-*o*-tolylmethylamine (RODD and LINCH), 2177.

24 III

$C_{24}H_{12}N_2Br_4$ 3:6:3':6'-Tetrabromo-9:9'-dicarbazyl (MCLINTOCK and TUCKER), 1216.

$C_{24}H_{12}N_2I_4$ 3:6:3':6'-Tetraiodo-9:9'-dicarbazyl (MCLINTOCK and TUCKER), 1218.

$C_{24}H_{12}O_{12}N_2$ 4:4'-Bis-*op*-dinitrophenyl-2:2'-dinitrodiphenylamine (LE FÈVRE, MOIR, and TURNER), 2337.

$C_{24}H_{17}O_5N_3$ Dibenzoyl-1-phenyl-4-amino-5-ketopyrazoline-3-carboxylic acid (CHATTAWAY and HUMPHREY), 2136.

$C_{24}H_{18}ON_2$ 2-Keto-1-methyl-5:6-(2':3'-diphenylpyrrole)(4':5')-1:2-dihydroquinoline (FAWCETT and ROBINSON), 2257.

Ketophenylethyldibenzodihydronaphthyridine (HAWORTH and PINK), 2347.

$C_{24}H_{18}O_2N_2$ 1:8-Naphthaldianilide (DAVIES and LEEPER), 1127.

$C_{24}H_{16}O_4N$ *o*-Nitrobenzylidene-*N*-β-phenylethylhomophthalimide (HAWORTH and PINK), 2347.

$C_{24}H_{18}O_4N_2$ *o*-Nitrobenzylidene-*N*-β-phenylethylhomophthalimide (HAWORTH and PINK), 2347.

$C_{24}H_{20}O_2Si$ Diphenoxydiphenylsilicane (KIPPING), 2731.

$C_{24}H_{20}O_6N_4$ *meso*-1:4-Di-*m*-nitrobenzoyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 344.

$C_{24}H_{22}ON_2$ Ketophenylethyldibenzohexahydronaphthyridine (HAWORTH and PINK), 2348.

$C_{24}H_{22}O_2N_2$ *meso*-1:4-Dibenzoyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 344.

$C_{24}H_{23}O_4Cl$ Ethyl 3-*o*-methoxyphenyl-5-*p*-chlorostyryl-Δ^5-*cyclo*hexen-1-one-2-carboxylate (HEILBRON and HILL), 923.

$C_{24}H_{24}O_2N_4$ *meso*-1:4-Diphenylcarbamyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 345.

$C_{24}H_{26}ON_2$ Benzoylbenzyl-*n*-butyl-*p*-phenylenediamine (REILLY and DRUMM), 1396.

$C_{24}H_{27}O_{10}Cl$ 7-Glucosidoxy-3:3′:4′-trimethoxyflavylium chloride ($+H_2O$) (ROBERTSON), 246.

$C_{24}H_{27}O_{11}N$ Penta-acetylindican (ROBERTSON), 1941.

$C_{24}H_{27}O_{12}N$ Methyl 3-tetra-acetyl-β-glucosidoxyindole-2-carboxylate (ROBERTSON), 1939.

$C_{24}H_{28}O_2N_2$ *pp′*-Tetramethyldiaminodiphenyl-*p*-anisylcarbinol (RODD and LINCH), 2177.

pp′-Tetramethyldiaminodiphenylbenzylcarbinol (RODD and LINCH), 2184.

pp′-Tetramethyldiaminodiphenyl-*o*-tolylcarbinol (RODD and LINCH), 2177.

$C_{24}H_{30}O_3N_2$ Methyl-ψ-brucidine, and its salts (GULLAND, PERKIN, and ROBINSON), 1651.

$C_{24}H_{30}O_4N_4$ 4:4′-Dibromo-3:3′-dinitro-*s*-diphenylethane (LE FÈVRE and TURNER), 1120.

$C_{24}H_{30}O_5N_2$ Acetylakuammine, and its salts (HENRY and SHARP), 1957.

$C_{24}H_{31}O_5N_5$ Brucidone semicarbazone (GULLAND, PERKIN, and ROBINSON), 1652.

$C_{24}H_{32}O_2N_2$ *n*-Decanedicarboxyanilide (BARNICOAT), 2928.

Ethoxymethyldihydrostrychnidine (CLEMO, PERKIN, and ROBINSON), 1616.

Sebacotoluidides (BARNICOAT), 2928.

$C_{24}H_{32}O_3N_2$ Methyl-ψ-dihydrobrucidine, and its dihydriodide (GULLAND, PERKIN, and ROBINSON), 1661.

$C_{24}H_{32}O_4N_2$ Brucidine methoxyhydroxide ($+2H_2O$) (GULLAND, PERKIN, and ROBINSON), 1641.

$C_{24}H_{34}O_3N_2$ Methoxymethyldihydrostrychnidine methohydroxide (CLEMO, PERKIN, and ROBINSON), 1605.

24 IV

$C_{24}H_{17}O_4N_4Br$ Substance, from benzidine and 4:4′-dibromo-3:3′-dinitrodiphenyl (LE FÈVRE and TURNER), 1121.

$C_{24}H_{17}O_{10}N_3S_2$ Nitrobenzoylaminobenzoylnaphthylamine-3:6-disulphonic acids, and their salts (BALABAN and KING), 3079.

$C_{24}H_{17}O_{11}N_3S_2$ 2-*m′*-Nitrobenzoyl-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acid, salts (BALABAN and KING), 3093.

$C_{24}H_{17}O_{11}N_3S_2$ 1-*m′*-Nitrobenzoyl-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acid, sodium salt (BALABAN and KING), 3091.

$C_{24}H_{17}O_{13}N_3S_3$ *m′*-Nitrobenzoyl-*m*-aminobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, salts (BALABAN and KING), 3095.

$C_{24}H_{19}O_3Cl_4Fe$ 6-Methoxy-4-phenacylflavylium ferrichloride (IRVINE and ROBINSON), 2093.

$C_{24}H_{19}O_8N_3S_2$ Diaminobenzoyl-2-naphthylamine-5:7-disulphonic acids, and their salts (BALABAN and KING), 3082.

$C_{24}H_{19}O_9N_3S_2$ *m′*-Aminobenzoyl-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acids, sodium salts (BALABAN and KING), 3091.

$C_{24}H_{19}O_{11}N_3S_3$ Diaminobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, sodium salts (BALABAN and KING), 3096.

$C_{24}H_{20}N_2ClBr_3$ Tri-*o*-bromobenzylhydrazine hydrochloride (KENNER and WILSON), 1111.

$C_{24}H_{23}O_2N_2I$ Methoxymethyldihydrostrychnidine methiodide (CLEMO, PERKIN, and ROBINSON), 1604.

$C_{24}H_{30}O_2N_2Br_2$ *n*-Decanedicarboxy-*p*-bromoanilide (BARNICOAT), 2928.

$C_{24}H_{31}O_3N_2Cl$ Methyl*neo*brucidinium chloride ($+H_2O$) (GULLAND, PERKIN, and ROBINSON), 1650.

$C_{24}H_{31}O_3N_2I$ Brucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1638.
Methyl*neo*brucidinium iodide (GULLAND, PERKIN, and ROBINSON), 1649.

$C_{24}H_{33}O_3N_2I$ Methyl*neo*dihydrobrucidinium iodide (GULLAND, PERKIN, and ROBINSON), 1659.

$C_{24}H_{33}O_4N_2I$ Tetrahydrobrucine methiodide (GULLAND, PERKIN, and ROBINSON), 1639.

$C_{24}H_{35}O_3N_2I$ Methoxymethyltetrahydrostrychnidine methiodide (CLEMO, PERKIN, and ROBINSON), 1618.

C_{25} Group.

$C_{25}H_{16}O_2$ Di-β-naphtha*spiro*pyran (DICKINSON and HEILBRON), 20.

$C_{25}H_{22}O_{11}$ *O*-Penta-acetyldihydrocarajuretinol (CHAPMAN, PERKIN, and ROBINSON), 3026.

$C_{25}H_{26}O_6$ Triphenylmethyl glucose, methylation of (HAWORTH, HIRST, MILLER, and LEARNER), 2443.

25 III

$C_{25}H_{17}O_3Cl$ 3-(β-2′-Hydroxy-1′-naphthylvinyl)-β-naphthapyrylium chloride (DICKINSON and HEILBRON), 19.

$C_{25}H_{18}O_3N_2$ Ketopiperonylethyldibenzodihydronaphthyridine (HAWORTH and PINK), 2347.

$C_{25}H_{18}O_6N_2$ *o*-Nitrobenzylidene-*N*-β-piperonylethylhomophthalimide (HAWORTH and PINK), 2347.

$C_{25}H_{22}O_3N_2$ Ketopiperonylethyldibenzohexahydronaphthyridine (HAWORTH and PINK), 2348.

$C_{25}H_{25}N_2I$ 1:1′-Diethylcarbocyanine iodides (HAMER), 2800.

$C_{25}H_{26}O_5N_2$ 3-*mp*-Dimethoxyphenyl-5-*mp*-dimethoxystyryl-Δ^5-*cyclo*hexen-1-one semicarbazone (DICKINSON, HEILBRON, and IRVING), 1893.

$C_{25}H_{29}N_2I$ Hexamethylindocarbocyanine iodide (HAMER), 2804.

$C_{25}H_{32}O_4N_2$ *O*-Diacetylhexahydrostrychnine (OXFORD, PERKIN, and ROBINSON), 2404.

$C_{25}H_{32}O_6N_2$ Brucidine methohydrogencarbonate (+ $2H_2O$) (GULLAND, PERKIN, and ROBINSON), 1641.

$C_{25}H_{32}O_6N_2$ Nitromethoxymethyldihydrobrucidine (GULLAND, PERKIN, and ROBINSON), 1647.

$C_{25}H_{34}O_2N_2$ *n*-Nonanedicarboxytoluidides (BARNICOAT), 2928.
n-Undecanedicarboxyaniline (BARNICOAT), 2928.

$C_{25}H_{34}O_4N_2$ Methoxymethyldihydrobrucidine, and its hydriodide (GULLAND, PERKIN, and ROBINSON), 1642.

$C_{25}H_{34}O_5N_2$ Oxymethoxymethyldihydrobrucidine (GULLAND, PERKIN, and ROBINSON), 1643.

$C_{25}H_{34}O_6N_2$ Dioxymethoxymethyldihydrobrucidine (GULLAND, PERKIN, and ROBINSON), 1643.

$C_{25}H_{36}O_4N_2$ Methoxymethyltetrahydrobrucidine, and its salts (GULLAND, PERKIN, and ROBINSON), 1654.

25 IV

$C_{25}H_{32}O_2N_2Br_2$ *n*-Undecanedicarboxy-*p*-bromoanilide (BARNICOAT), 2928.

$C_{25}H_{33}O_3N_2I$ Methyl-ψ-brucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1651.

$C_{25}H_{36}O_2N_2Cl_2$ Methoxymethyldihydrostrychnidine dimethochloride (CLEMO, PERKIN, and ROBINSON), 1607.

$C_{25}H_{36}O_2N_2I_2$ Methoxymethyldihydrostrychnidine dimethiodide (CLEMO, PERKIN, and ROBINSON), 1606.

$C_{25}H_{38}O_2N_2I_2$ Methoxymethyltetrahydrostrychnidine dimethiodide (CLEMO, PERKIN, and ROBINSON), 1620.

C_{26} Group.

$C_{26}H_{16}Cl_2$ 1:5-Dichloro-9:10-diphenylanthracene (BARNETT, COOK, and WILTSHIRE), 1732.

$C_{26}H_{16}Cl_4$ 1:5:9:10-Tetrachloro-9:10-diphenyl-9:10-dihydroanthracene (BARNETT, COOK, and WILTSHIRE), 1729.

$C_{26}H_{17}Cl$ 1-Chloro-9:10-diphenylanthracene (BARNETT, COOK, and WILTSHIRE), 1728.

$C_{26}H_{20}N_2$ 9:9′-Dimethyl-3:3′-dicarbazyl (MAITLAND and TUCKER), 1390.

$C_{26}H_{24}N_2$ *NN′*-Dimethyldiphenylbenzidine (MAITLAND and TUCKER), 1392.

$C_{26}H_{32}O_6$ 3-Methoxy-4-ethoxystyryl methyl ketone, dimeride (DICKINSON, HEILBRON, and IRVING), 1894.

26 III

$C_{26}H_{18}OCl_2$ 1:5-Dichloro-9:10-diphenyl-9:10-dihydroanthranol (BARNETT, COOK, and WILTSHIRE), 1732.

$C_{26}H_{18}O_2Cl_2$ 1:5-Dichloro-9:10-diphenyl-9:10-dihydroanthraquinol (BARNETT, COOK, and WILTSHIRE), 1728.

$C_{26}H_{20}O_4N_6$ 3:3′-Dinitrobenzil osazone (CHATTAWAY and COULSON), 578.

$C_{26}H_{22}O_2N_2$ 1:8-Naphthalbisdimethylanilide (DAVIES and LEEPER), 1127.

$C_{26}H_{26}OSi_2$ Diphenylmethylsilicyl oxide (KIPPING), 106.

$C_{26}H_{36}O_2N_2$ *n*-Decanedicarboxytoluidides (BARNICOAT), 2928.

26 IV

$C_{26}H_{16}O_4N_2As_2$ 10:10′-Bis-4-carboxy-5:10-dihydrophenarsazine (BURTON and GIBSON), 249.

$C_{26}H_{18}O_8N_8S_2$ Dinitrodibenzaldehyde disulphide di-*p*-nitrophenylhydrazones (HODGSON and BEARD), 2424.

$C_{26}H_{22}O_6N_4S_2$ 3:3′-Dinitro-4:4′-di-*p*-toluenesulphonamidodiphenyl (BELL and ROBINSON), 1130.

$C_{26}H_{37}O_4N_2Cl$ Methoxymethyl dihydrobrucidine methochloride (GULLAND, PERKIN, and ROBINSON), 1645.

$C_{26}H_{37}O_4N_2I$ Methoxymethyldihydrobrucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1643.

$C_{26}H_{37}O_5N_2I$ Dioxymethoxymethyldihydrobrucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1648.

$C_{26}H_{39}O_4N_2I$ Methoxymethyltetrahydrobrucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1655.

$C_{26}H_{40}O_8N_2S$ Methoxymethyldihydrobrucidine methosulphate (GULLAND, PERKIN, and ROBINSON), 1645.

26 VI

$C_{26}H_{56}O_9N_3Cl_6S_2Pt_2$ Tetrachloro(triaminopropane-camphor-β-sulphonate) platinum semihydrate (MANN), 1228.

C_{27} Group.

$C_{27}H_{18}Cl_2$ 1:5-Dichloro-9-phenyl-10-benzylanthracene (BARNETT, COOK, and WILTSHIRE), 1732.

$C_{27}H_{30}O_2$ 3:3′-Dimethyldi-β-naphtha*spiro*pyran (DICKINSON and HEILBRON), 1703.

$C_{27}H_{23}N_2$ 2:4-Diphenyl-5:6-(4′:5′:6′:7′-tetrahydroindole)(2′:3′)-quinoline (FAWCETT and ROBINSON), 2259.

$C_{27}H_{29}N_3$ *pp′*-Tetramethyldiaminodiphenyl-α-naphthylmethylamine (RODD and LINCH), 2178.

$C_{27}H_{30}O_7$ Ethyl 3-*mp*-dimethoxyphenyl-5-*mp*-dimethoxystyryl-Δ^5-*cyclo*hexen-1-one-2-carboxylate (DICKINSON, HEILBRON, and IRVING), 1892.

$C_{27}H_{30}O_{16}$ Rutin (ATTREE and PERKIN), 236.

27 III

$C_{27}H_{18}O_4N_4$ Triphthalimidotrimethylamine (KIPPING and MANN), 529.

$C_{27}H_{20}OCl_2$ 1:5-Dichloro-9-phenyl-10-benzyl-9:10-dihydroanthranol (BARNETT, COOK, and WILTSHIRE), 1732.

$C_{27}H_{22}O_2N_2$ Dioxydiphenyltetrahydroindoloquinoline (FAWCETT and ROBINSON), 2260.

$C_{27}H_{24}ON_2$ Phenyl α-tetrahydrocarbazylamino(6)-styryl ketone (FAWCETT and ROBINSON), 2259.

$C_{27}H_{24}O_3N_{10}$ Triphthalylhydrazidotriaminotrimethylamine (KIPPING and MANN), 529.

$C_{27}H_{25}N_2I$ 1:1′-Diallyl-4:4′-carbocyanine iodide (HAMER), 2802.

$C_{27}H_{27}ON_3$ *p*-Benzyl-*n*-butylaminobenzeneazo-β-naphthol (REILLY and DRUMM), 1396.

$C_{27}H_{28}N_2O$ *pp*′-Tetramethyldiaminodiphenylnaphthylcarbinols (RODD and LINCH), 2178.

$C_{27}H_{33}N_2I$ Tetramethyldiethylindocarbocyanine iodide (HAMER), 2804.

$C_{27}H_{38}O_2N_2$ *n*-Undecanedicarboxytoluidides (BARNICOAT), 2928.

27 IV

$C_{27}H_{32}O_4N_2I$ Ethoxymethyldihydrobrucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1649.

$C_{27}H_{40}O_4N_2I_2$ Methoxymethyl dihydrobrucidine dimethiodide (GULLAND, PERKIN, and ROBINSON), 1645.

$C_{27}H_{42}O_4N_2Cl_2$ Methoxymethyltetrahydrobrucidine dimethochloride (GULLAND, PERKIN, and ROBINSON), 1657.

$C_{27}H_{42}O_4N_2I_2$ Methoxymethyltetrahydrobrucidine dimethiodide (GULLAND, PERKIN, and ROBINSON), 1656.

$C_{27}H_{42}O_{10}N_2S_2$ Methoxymethyldihydrostrychnidine dimethosulphate (CLEMO, PERKIN, and ROBINSON), 1605.

$C_{27}H_{44}O_{10}N_2S_2$ Methoxymethyltetrahydrostrychnidine dimethosulphates (CLEMO, PERKIN, and ROBINSON), 1619.

C_{28} Group.

$C_{28}H_{16}O_6$ Dibenzoylalizarin (GREEN), 2931.

$C_{28}H_{20}O_2$ 3:3′-Trimethylenedi-β-naphtha*spiro*pyran (DICKINSON and HEILBRON), 1704.

$C_{28}H_{34}N_2$ 9:9′-Diethyl-3:3′-dicarbazyl (MAITLAND and TUCKER), 1390.

$C_{28}H_{26}O_2$ Diphenyldi-o-tolylpinacol (BOYD and HATT), 905.

$C_{28}H_{34}O_5$ 3-*m*-Methoxy-*p*-propoxyphenyl-5-*m*-methoxy-*p*-propoxystyryl-Δ^5-*cyclo*hexen-1-one (DICKINSON, HEILBRON, and IRVING), 1895.

28 III

$C_{28}H_{18}O_9N_6$ *p*-Azoxydinitrostilbenes (NISBET), 2085.

$C_{28}H_{20}O_5N_4$ *p*-Azoxy-2-nitrostilbene (NISBET), 2085.

$C_{28}H_{21}O_2Cl$ 4-2′-Hydroxy-1′-naphthylidene-1:2:3:4-tetrahydro-8:9-benzoxanthylium chloride (DICKINSON and HEILBRON), 1704.

$C_{28}H_{22}O_3S_4$ 2-*p*-Methoxyphenyl-1:3-benzdithiole 2-oxide (HURTLEY and SMILES), 536.

$C_{28}H_{23}ON_2$ *p*-Azoxystilbene (NISBET), 2084.

$C_{28}H_{23}O_4Cl$ Ethyl 4-*o*-chlorostyracyl-2-phenyl-1:4-benzopyran-3-carboxylate (HEILBRON and HILL), 923.

$C_{28}H_{24}O_3N_2$ 2-*o*-Carboxybenzoyldi-*p*-tolyl ether phenylhydrazone (REILLY and DRUMM), 2817.

$C_{28}H_{26}O_4N_2$ Dibenzoyl derivative of substance $C_{14}H_{18}ON_2$ (KRISHNAMURTI and DEY), 1351.
$C_{28}H_{28}O_4N_2$ Strychnic benzoic anhydride (OXFORD, PERKIN, and ROBINSON), 2409.
$C_{28}H_{36}O_4N_2$ Psychotrine, hydrogen oxalate of (BRINDLEY and PYMAN), 1074.
$C_{28}H_{47}ON$ *iso*Erucic anilide (MIRCHANDANI and SIMONSEN), 375.

28 IV

$C_{28}H_{24}O_2N_2Se_2$ Di-*o*-benzoylmethylaminodiphenyl diselenide (CLARK), 2807.
$C_{28}H_{33}O_{12}N_6Co$ Nitrophenolnitrophenoxobisethylenediamminocobaltic nitrophenoxides (DUFF and BILLS), 2372.

C_{29} Group.

$C_{29}H_{28}N_2$ 4:4′-Tetramethyldiaminodiphenylmethyleneacenaphthene (RODD and LINCH), 2187.
$C_{29}H_{54}O_{16}$ Hendecamelezitose (LEITCH), 591.

29 III

$C_{29}H_{22}O_8N_4$ Triphthalimidotrimethylamine (KIPPING and MANN), 528.
$C_{29}H_{29}N_2Br$ 6:6′-Dimethyl-1:1′-diallyl-2:2′-carbocyanine bromide (HAMER), 2801.
$C_{29}H_{29}N_2I$ 6:6′-Dimethyl-1:1′-diallyl-2:2′-carbocyanine iodide (HAMER), 2801.
$C_{29}H_{30}ON_2$ 4:4′-Tetramethyldiaminodiphenylacenaphthenylcarbinol (RODD and LINCH), 2187.
$C_{29}H_{36}O_4N_2$ Emetamine, and its salts (BRINDLEY and PYMAN), 1075.
$C_{29}H_{38}O_4N_2$ *O*-Methylpsychotrine, and its picrate (BRINDLEY and PYMAN), 1072.
$C_{29}H_{49}ON$ *iso*Erucic *p*-toluidide (MIRCHANDANI and SIMONSEN), 375.

C_{30} Group.

$C_{30}H_{62}$ *n*-Triacontane, oxidation of (FRANCIS and WOOD), 1897.

30 II

$C_{30}H_{22}O_5$ 4′-Hydroxyflavanhydrone (IRVINE and ROBINSON), 2090.
$C_{30}H_{22}O_7$ Trianhydrobisbenzoylacetaldehydephloroglucinol (PRATT, ROBERTSON, and ROBINSON), 1976.
$C_{30}H_{28}N_2$ 4:4′-Tetramethyldiaminodiphenylmethylenefluorene (RODD and LINCH), 2187.
$C_{30}H_{30}O_2$ Tetra-*o*-tolylpinacol (BOYD and HATT), 908.
$C_{30}H_{60}O$ Ketone, from oxidation of *n*-triacontane (FRANCIS and WOOD), 1901.
$C_{30}H_{62}O_2$ Alcohol, from oxidation of *n*-triacontane (FRANCIS and WOOD), 1901.

30 III

$C_{30}H_{20}O_9N_4$ *p*-Azoxy-2-nitro-3′:4′-methylenedioxystilbene (NISBET), 2085.
$C_{30}H_{22}O_{11}N_6$ *p*-Azoxy-2:6-dinitro-4′-methoxystilbene (NISBET), 2085.
$C_{30}H_{24}O_3N_4$ *p*-Azoxybenzylidene-*p*-aminoacetophenone (NISBET), 2084.
$C_{30}H_{24}O_7N_4$ *p*-Azoxy-2-nitro-4′-methoxystilbene (NISBET), 2085.
$C_{30}H_{30}O_2N_4$ 2:2′-Dibenzamidotetramethylbenzidine (BELL and ROBINSON), 1698.

30 IV

$C_{30}H_{24}O_2N_2S_2$ *oo*′-Dicinnamamidodiphenyl disulphide (MILLS and WHITWORTH), 2747.
$C_{30}H_{34}O_4N_4S_2$ 2:2′-Di-*p*-toluenesulphonylamidotetramethylbenzidine (BELL and ROBINSON), 1698.

30 V

$C_{30}H_{24}O_2N_2Br_2S_2$ *oo*′-Dicinnamamidodibromodiphenyl disulphide (MILLS and WHITWORTH), 2747.

C_{31} Group.

$C_{31}H_{24}O_6$ Ethyl di-*p*-naphtha*spiro*pyran-3:3′-dicarboxylate (DICKINSON and HEILBRON), 1704.

31 III

$C_{31}H_{39}ON_3$ *pp′*-Tetraethyldiaminodiphenyl-β-naphthylcarbinol (RODD and LINCH), 2178.

31 IV

$C_{31}H_{42}O_4N_2I_2$ Emetamine dimethiodide (BRINDLEY and PYMAN), 1076.

C_{32} Group.

$C_{32}H_{23}Cl$ 10-Chloro-9:9:10-triphenyl-9:10-dihydroanthracene (BARNETT, COOK, and NIXON), 511.

$C_{32}H_{32}O_7$ 4′-Hydroxy-8-methoxyflavanhydrone (IRVINE and ROBINSON), 2091.

32 III

$C_{32}H_{25}O_4Sb$ Triphenylstibine dibenzoate (CHALLENGER and WILSON), 212.

$C_{32}H_{30}O_5N_6$ *p*-Azoxy-2-nitro-4′-dimethylaminostilbene (NISBET), 2086.

$C_{32}H_{25}O_4Bi$ Triphenylbismuthine dibenzoate (CHALLENGER and WILSON), 212.

C_{33} Group.

$C_{33}H_{30}O_5$ 3:3′-Dimethoxy-4:4′-dibenzyloxydistyryl ketone (DICKINSON, HEILBRON, and IRVING), 1896.

C_{34} Group.

$C_{34}H_{30}O_8$ 3:4:6:3′:4′:6′-Hexamethoxydianthrone (MACMASTER and PERKIN), 1309.

$C_{34}H_{40}N_4$ Octamethyltetra-aminotetraphenylethylene (RODD and LINCH), 2186.

$C_{34}H_{42}O_{20}$ Xanthorhamnin (ATTREE and PERKIN), 236.

$C_{34}H_{46}O_4$ Dimethyl diphenate (BELL and ROBINSON), 1698.

34 III

$C_{34}H_{42}ON_4$ Octamethyltetra-aminotetraphenylethanol (RODD and LINCH), 2186.

34 IV

$C_{34}H_{24}O_{15}N_4S_4$ Azoxy-derivative of *m*-aminobenzoyl-1-naphthylamine-3:6-disulphonic acid, sodium salt (BALABAN and KING), 3079.

C_{35} Group.

$C_{35}H_{28}O_{15}N_4S_4$ *s*-Carbamide of aminobenzoylnaphthylaminedisulphonic acid, sodium salt (BALABAN and KING), 3089.

$C_{35}H_{26}O_{17}N_2S_4$ *s*-Carbamide of 2-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acid, salts (BALABAN and KING), 3094.

$C_{25}H_{26}O_{17}N_4S_4$ *s*-Carbamide of 1-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acid, sodium salt (BALABAN and KING), 3092.

$C_{35}H_{28}O_{21}N_4S_6$ *s*-Carbamide of *m*-aminobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, sodium salt (BALABAN and KING), 3097.

C_{36} Group.

$C_{36}H_{22}N_2$ Substance, from oxidation of carbazole (MCLINTOCK and TUCKER), 1221.

C_{37} Group.

$C_{37}H_{30}O_6N_2$ Benzylidenebisbenzoylmandelamides (INGHAM), 696.

37 IV

$C_{37}H_{42}O_2N_6As_2$ *s*-Carbamido-3-*m*-aminobenzamido-4-piperidinophenylarsinic acid, and its salts (KING), 1055.

C_{38} Group.

$C_{38}H_{48}N_4$ *aa*-4:4′-Tetramethyldiaminodiphenyl-*ββ*-4:4′-tetramethyldiaminodiphenylethylene (RODD and LINCH), 2186.

38 III

$C_{38}H_{50}ON_4$ *aa*-4:4′-Tetraethyldiaminodiphenyl-*ββ*-4:4′-tetramethyldiaminodiphenylethan-*a*-ol (RODD and LINCH), 2186.

aa-4:4′-Tetramethyldiaminodiphenyl-*ββ*-4:4′-tetraethyldiaminodiphenylethan-*a*-ol (RODD and LINCH), 2186.

C_{39} Group.

$C_{39}H_{28}$ 9:9-Diphenyl-10:10-diphenylmethylene-9:10-dihydroanthracene (BARNETT, COOK, and NIXON), 511.

C_{40} Group.

$C_{40}H_{34}O_2$ *s-oo′*-Dibenzylbenzpinacol (BARNETT, COOK, and NIXON), 509.

C_{49} Group.

$C_{49}H_{36}O_{17}N_6S_4$ *s*-Carbamide of diaminobenzoyl-2-naphthylamine-6:8-disulphonic acid, salts (BALABAN and KING), 3089.

$C_{49}H_{36}O_{19}N_6S_4$ *s*-Carbamides of *m′*-aminobenzoyl-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acids, salts (BALABAN and KING), 3095.

$C_{49}H_{36}O_{22}N_6S_6$ *s*-Carbamide of diaminobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, salts (BALABAN and KING), 3097.

C_{52} Group.

$C_{52}H_{38}$ Tetraphenyltetrahydrodianthranyl (BARNETT, COOK, and NIXON), 510.

C_{60} Group.

$C_{60}H_{60}O_2Si_4$ Diphenoxyoctaphenylsilicotetrane (KIPPING), 2732.

ERRATA.

VOL., 1926.

Page	Line	
1995	17	*for* "WILLIAM" *read* "WINSTON."

VOL., 1927.

531	13*	for "*Part XV*" read "*Part XVII.*"
1205	9	*for* "whom he also recommended as his successor" *read* "who is (as well as W. J. de Haas) one of his successors."
1226	Formula V	Insert "$(SCN)_2$" outside the bracket.
2169	Line 22	*for* "280° 189° 250° 250°." *read* "$>280°$ 189° $>250°$ $>250°$."
2856	26	*for* "boiling acetic acid" *read* "acetic acid."

* From bottom.

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List of Physico-chemical Symbols adopted by the Chemical Society.

[See J.C.S., 1921, **119**, 502—512.]

1. *Mathematical Symbols.*

	Usual symbol.	Alternative symbol.
Base of natural (Napierian) logarithms ...	e	
Diameter	d	
Radius	r	
Ratio of circumference to diameter	π	
Summation	Σ	
Variation	δ	
Total differential	d	
Partial differential	∂	

2. *Universal Constants.*

Acceleration due to gravity	g	
Mechanical equivalent of heat	J	
Avogadro's constant [number of molecules in 1 gram-molecule (mole)]	N	
Gas constant per mole	R	
Faraday's constant (number of coulombs per gram-equivalent of an ion)	F	
Charge on an electron	e	

3. *General Physics and Chemistry.*

Length	l	
Height	h	
Mass	m	
Time	t	
Volume	v, V	
Density (mass per unit volume)	d	D
Pressure	p, P	
Concentration	c, C	
Mole fraction	x	
Critical constants: pressure, volume, temperature (centigrade), temperature (absolute), density	p_c, v_c t_c, T_c d_c	
Reduced quantities: pressure, volume, temperature, density	p_r, v_r t_r, T_r, d_r	
van der Waals's constants	a, b	
Fluidity	ϕ	
Viscosity	η	
Surface tension	γ	σ
Diffusion coefficient	Δ	
Atomic weight	A	
Molecular weight	M	
Velocity coefficient of reaction	k	
Equilibrium constant	K, (K_c, K_p)	
van't Hoff coefficient	i	
Degree of dissociation (electrolytic, thermal, etc.)	α	

4. *Heat and Thermodynamics.*

	Usual symbol.	Alternative symbol.
Temperature (centigrade)	t	θ
Temperature (absolute)	T	
Critical temperature	t_c, T_c	
Reduced temperature	t_r, T_r	
Critical solution temperature	t_{cs}, T_{cs}	
Quantity of heat	Q	
Entropy	S	
Specific heat	c	
Specific heat at constant pressure	c_p	
Specific heat at constant volume	c_v	
Ratio of specific heats, $c_p : c_v$	γ	
Molecular heat	C	
Molecular heat at constant pressure	C_p	
Molecular heat at constant volume	C_v	
Latent heat per gram	l	
Latent heat per mole	L	
Maximum work (diminution of free energy)	A	

5. *Optics.*

Wave-length of light	λ	
Refractive index	n	n_γ
Specific refractive power (Gladstone and Dale)	r_ϱ, $[r_\varrho]^t_\lambda$	
Specific refractive power (Lorentz and Lorenz)	r_L, $[r_L]^t_\lambda$	
Molecular refractive power	R_ϱ, R_L $[R_\varrho]^t_\lambda$, $[R_L]^t_\lambda$	
Angle of optical rotation	α	
Specific rotatory power	$[\alpha]$	
Molecular rotatory power	$M[\alpha]$	
Specific magnetic rotation	$[\omega]$	
Molecular magnetic rotation	$M[\omega]$	

6. *Electricity and Magnetism.*

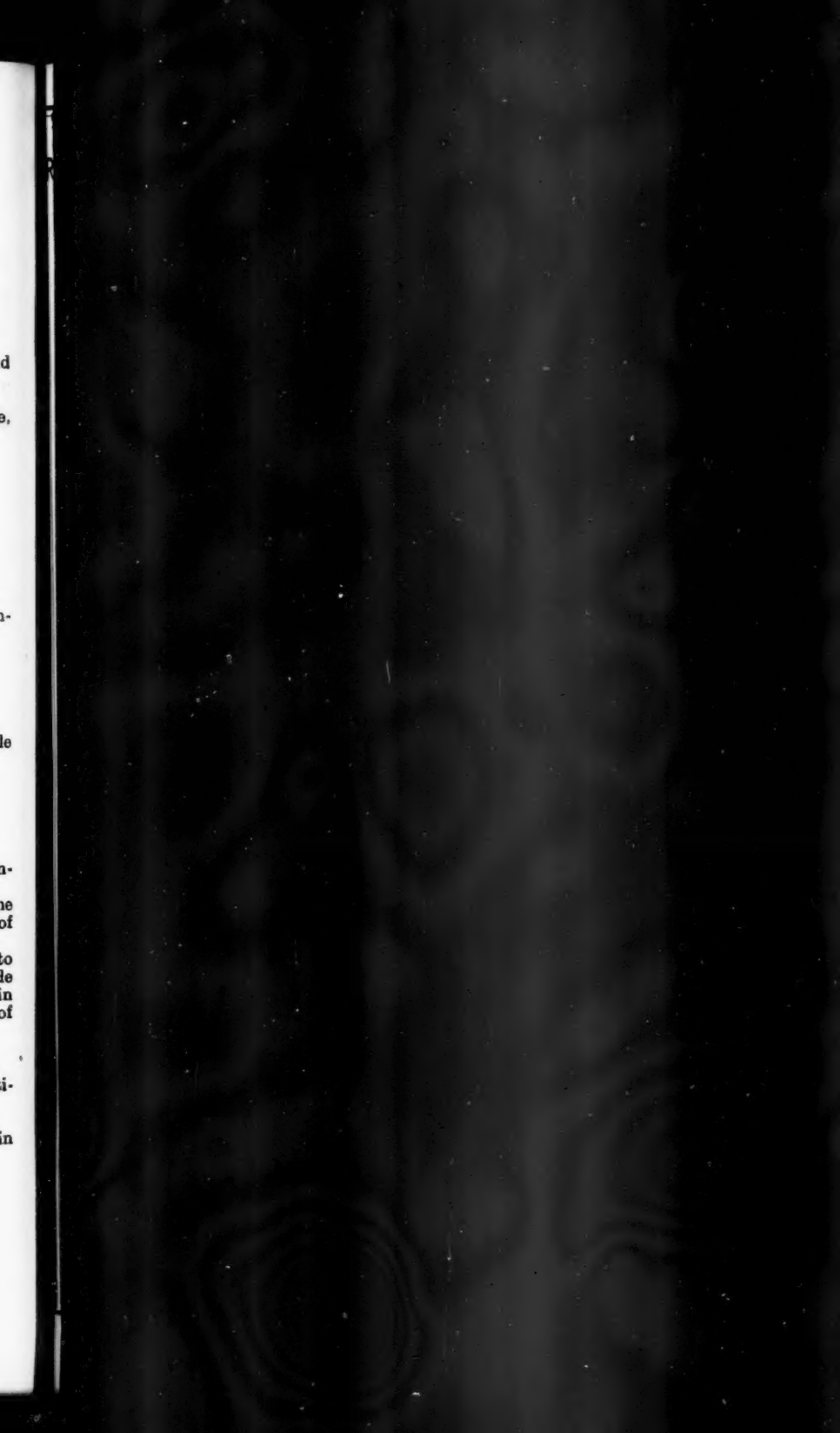
Quantity of electricity	Q	
Current intensity	I	
Resistance	R	W
Electromotive force	E	
Electrode potential, or discharge potential of an ion	E	ϵ
Electrode potential referred to the normal hydrogen or normal calomel electrode respectively, the potential of which is taken as zero	E_h, E_c	ϵ_h, ϵ
Normal potential, *i.e.*, the electrode potential referred to the normal hydrogen or normal calomel electrode respectively, when the solution is molecular-normal in respect of all participating substances and ions of variable concentration	${}_0E_h$, ${}_0E_c$	${}_0\epsilon_h$, ${}_0\epsilon$
Dielectric constant	ϵ	
Conductivity (specific conductance)	κ	
Equivalent conductivity	Λ	
Equivalent conductivity at different dilutions—volumes in litres containing 1 gram-equivalent	Λ_{10}, Λ_v, Λ_∞	

6. *Electricity and Magnetism*—(continued).

	Usual symbol.	Alternative symbol.
Equivalent conductivity of kation and of anion	Λ_k, Λ_a	
Equivalent conductivity of specified ions	Λ_K. Λ_{Cl}	
Molecular conductivity	μ	
Velocity of kation and of anion in cm./sec. when the potential gradient is 1 volt per cm.	U_k, U_a	
Transport number of kation and of anion	n_k, n_a	
Magnetic permeability	μ	
Magnetic susceptibility	κ	

List of Symbols, Arranged Alphabetically.

Symbol.	Name of quantity.
A	Atomic weight; maximum work.
a	Van der Waals's constant.
b	Van der Waals's constant.
C	Concentration; molecular heat.
c	Concentration; specific heat.
C_p, C_v	Molecular heat at constant pressure, and at constant volume.
c_p, c_v	Specific heat at constant pressure, and at constant volume.
D	Alternative symbol for density.
d	Diameter; total differential; density.
d_c	Critical density.
δ	Reduced density.
E	Electromotive force; electrode potential.
e	Base of Napierian logarithms; charge on an electron.
E_h, E_c	Electrode potential referred to the normal hydrogen or the normal calomel electrode, respectively, the potential of which is taken as zero.
${}_0E_h$, ${}_0E_c$	Normal potential, that is, the electrode potential referred to the normal hydrogen or the normal calomel electrode respectively, when the solution is molecular-normal in respect of all participating substances and ions of variable concentration.
F	Faraday's constant (number of coulombs per gram-equivalent of an ion).
g	Acceleration due to gravity.
h	Height.
I	Current.
i	Van't Hoff's coefficient.
J	Mechanical equivalent of heat.
K	Equilibrium constant.
K_c, K_p	Equilibrium constant, when molar concentrations and partial pressures respectively are employed.
k	Velocity coefficient of reaction.
L	Latent heat per mole.
l	Length; latent heat per gram.
M	Molecular weight.
$M[\alpha]$	Molecular rotatory power.
$M[\omega]$	Molecular magnetic rotatory power.
m	Mass.
N	Avogadro's constant (Loschmidt's number) or number of molecules in 1 gram-molecule.
n	Refractive index.

List of Symbols, Arranged Alphabetically—(continued).

Symbol.	Name of quantity.
n_k, n_a	Transport number of kation and of anion.
n_r	Refractive index (alternative symbol).
P	Pressure.
p	Pressure.
p_c, p_r	Critical pressure : reduced pressure.
Q	Quantity of heat; quantity of electricity.
R	Gas constant per mole; electrical resistance.
R_G, R_L	Molecular refractive power, according to Gladstone and Dale, and to Lorentz and Lorenz respectively.
r	Radius.
r_G, r_L	Specific refractive power according to Gladstone and Dale, and to Lorentz and Lorenz respectively.
S	Entropy.
T	Absolute temperature.
T_c	Critical temperature (on the absolute scale).
T_r	Reduced temperature (absolute).
T_{cs}	Critical solution temperature (absolute).
t	Time; temperature (centigrade).
t_c	Critical temperature (centigrade).
t_{cs}	Critical solution temperature (centigrade).
t_r	Reduced temperature (centigrade).
U_k, U_a	Velocity of kation and of anion in cm./sec. when the potential gradient is 1 volt per cm.
V	Volume.
v	Volume.
v_c, v_r	Critical volume : reduced volume.
W	Electrical resistance (alternative symbol).
x	Mole fraction.
α	Degree of dissociation (electrolytic, thermal, etc.); angle of optical rotation.
$[\alpha]$	Specific rotatory power.
γ	Surface tension; ratio of specific heats.
Δ	Diffusion coefficient.
δ	Variation.
∂	Partial differential.
ϵ	Electrode potential (alternative symbol); dielectric constant.
ϵ_h, ϵ	Electrode potential referred to the normal hydrogen or the normal calomel electrode respectively, the potential of which is taken as zero (alternative symbols).
${}_0\epsilon_h$, ${}_0\epsilon$	Normal potential, that is, the electrode potential referred to the normal hydrogen or the normal calomel electrode respectively, when the solution is molecular-normal in respect of all participating substances and ions of variable concentration (alternative symbols).
η	Viscosity.
θ	Temperature (centigrade), (alternative symbol).
κ	Specific conductance (conductivity); magnetic susceptibility.
Λ	Equivalent conductivity.
Λ_{10}, Λ_v, Λ_∞	Equivalent conductivity at different dilutions (volumes in litres containing 1 gram-equivalent).
Λ_k, Λ_a	Equivalent conductivity of kation and of anion.
λ	Wave-length of light.
μ	Molecular conductivity; magnetic permeability.
π	Ratio of circumference to diameter.
Σ	Summation.
σ	Surface tension (alternative symbol).
ϕ	Fluidity.
$[\omega]$	Specific magnetic rotation.